

Revision: 04/14/2018

| Product Name:       3,4-Ethylenedioxy U-47700 (hydrochloride)         Synonyms:       N-((1R,2R)-2-(dimethylamino)cyclohexyl)-N-methyl-2,3-dihydrobenzo[b][1,4]dioxine-6-carbox<br>de, monohydrochloride; 3,4-EDO U-47700;         2.       Relevant identified uses of the substance or mixture and uses advised against:<br>Relevant identified uses:       For research use only, not for human or veterinary use.         3.       Details of the Supplier of the Safety Data Sheet:<br>Company Name:       Cayman Chemical Company<br>1180 E. Ellsworth Rd.<br>Ann Arbor, MI 48108         Web site address:       www.caymanchem.com         Information:       Cayman Chemical Company<br>41 (734)971-3335                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                            |                                                                                                                                                                                                                  |                                                      |                                                  |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|--------------------------------------------------|--|--|--|--|--|
| 1       Product Code:       23752         Product Name:       3.4-Ethylenedioxy U-47700 (hydrochloride)         Synonyms:       N+([1R,2R)-2(dimethylamino)cyclohexyl)-N-methyl-2.3-dihydrobenzo[b][1.4]dioxine-6-carbox de, monohydrochloride; 3.4-ED0 U-47700;         2       Relevant identified uses:       For research use only, not for human or veterinary use.         3       Details of the Supplier of the Safety Data Sheet:         Company Name:       Cayman Chemical Company         1180 E. Elsworth Rd.       Ann Arbor, MI 48108         Web site address:       www.caymanchem.com         Information:       Cayman Chemical Company         +1       (734)971-3335         2       Emergency Contact:       CHEMTREC Within USA and Canada:         +1       (800)424-9300         CHEMTREC Outside USA and Canada:       +1         2.1       Classification of the Substance or Mixture:         Acute Toxicity: Inhilation, Category 4       Acute Toxicity: Inhilation, Category 4         Acute Toxicity: Collements:       Warning         CHS Signal Word:       Warning         GHS Hazard Phrases:       H32: Harmful if inhaled.         GHS Precaution Phrases:       H32: Harmful if inhaled.         GHS Precaution Phrases:       P201: Avid Branding (dust/fumo/gas/mist/vapons/pray).         P2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                            | accord                                                                                                                                                                                                           | ing to Regulation (EC) No. 1907/2006 as amended by ( | (EC) No. 1272/2008                               |  |  |  |  |  |
| Product Name:       3,4-Ethylenedioxy U-47700 (hydrochloride)         Synonyms:       N: ((IR,2R)-2-(dimethylanino)cyclohexyl)-N-methyl-2,3-dihydrobenzo[b][1,4]dioxine-6-carbox de, monohydrochloride; 3,4-EDO U-47700;         Image: Company Name:       For research use only, not for human or veterinary use.         Image: Company Name:       Cayman Chemical Company 1100 E. Ellsworth Rd. Ann Arbor, MI 48108         Web site address:       www.caymanchem.com Information:       Cayman Chemical Company +1 (734)971-3335         Image: Company Name:       Cayman Chemical Company +1 (734)971-3335         Image: Contact:       CHEMTREC Within USA and Canada:       +1 (800)424-9300         CHEMTREC Outside USA and Canada:       +1 (800)424-9300         CHEMTREC Outside USA and Canada:       +1 (733)527-3887         Image: Contact:       CHEMTREC Vithin USA and Canada:       +1 (733)527-3887         Image: Contact:       CHEMTREC Outside USA and Canada:       +1 (800)424-9300         CHEMTREC Outside USA and Canada:       +1 (733)527-3887         Image: Contact:       Section 2. Hazards Identification         Image: Contact:       Section 2. Hazards Identification         Image: Contact:       Warning         GHS Mazard Phrases:       House Contact with skin, Ha32: Harmul in contact with skin, H332: Harmul in kinal, H343         H332: Harmul in contact with skin, H332: Harmul in contact with skin, H332: Har                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                            | Section 1. Ide                                                                                                                                                                                                   | entification of the Substance/Mixture and of th      | ne Company/Undertaking                           |  |  |  |  |  |
| Relevant identified uses:       For research use only, not for human or veterinary use.         3. Details of the Supplier of the Safety Data Sheet:       Company Name:       Cayman Chemical Company         1180 E: Elliworth Rd.       Ann Arbor, MI 48108       Ann Arbor, MI 48108         Web site address:       www.caymanchem.com       Information:       Cayman Chemical Company       +1 (734)971-3335         2. Emergency telephone number:       Emergency Contact:       CHEMTREC Within USA and Canada:       +1 (800)424-9300         CHEMTREC Outside USA and Canada:       +1 (703)527-3887       ************************************                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1.1                                                                                        | Product Code:       23752         Product Name:       3,4-Ethylenedioxy U-47700 (hydrochloride)         Synonyms:       N-((1R,2R)-2-(dimethylamino)cyclohexyl)-N-methyl-2,3-dihydrobenzo[b][1,4]dioxine-6-carbo |                                                      |                                                  |  |  |  |  |  |
| Relevant identified uses:       For research use only, not for human or veterinary use.         3. Details of the Supplier of the Safety Data Sheet:       Company Name:       Cayman Chemical Company         1180 E: Elleworth Rd.       Ann Arbor, MI 48108       Ann Arbor, MI 48108         Web site address:       www.caymanchem.com       Information:       Cayman Chemical Company       +1 (734)971-3335         2.4       Emergency telephone number:       Emergency telephone number:       +1 (800)424-9300         CHEMTREC Outside USA and Canada:       +1 (703)527-3887         2.4       Emergency telephone number:         Emergency telephone number:       Section 2. Hazard's Identification         2.1       Classification of the Substance or Mixture:       Acute Toxicity: Inhalation, Category 4         Acute Toxicity: Skin, Category 4       Acute Toxicity: Skin, Category 4         Acute Toxicity: Skin, Category 4       Acute Toxicity: Skin, Category 4         Acute Toxicity: Skin, Category 4       Section 2.         Acute Toxicity: Skin, Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1.2                                                                                        | Relevant identified uses of t                                                                                                                                                                                    | ne substance or mixture and uses advised aga         | ainst:                                           |  |  |  |  |  |
| Company Name:       Cayman Chemical Company<br>1180 E. Elisworth Rd.<br>Ann Arbor, MI 48108         Web site address:       www.caymanchem.com         Information:       Cayman Chemical Company       +1 (734)971-3335         Immergency telephone number:       Emergency Contact:       CHEMTREC Within USA and Canada:       +1 (800)424-9300<br>CHEMTREC Outside USA and Canada:       +1 (800)424-9300<br>CHEMTREC Outside USA and Canada:       +1 (703)527-3887         Section 2. Hazards Identification         Section 2. Hazards Identification         Category 4<br>Acute Toxicity: Inhalation, Category 4<br>Acute Toxicity: Skin, Category 4<br>Acute Toxicity: Oral, Category 4<br>Acute Toxicity: Oral, Category 4         Acute Toxicity: Skin, Category 4<br>Acute Toxicity: Skin, Category 4         Acute Toxicity: Skin, Category 4<br>Acute Toxicity: Skin, Category 4         Acute Toxicity: Oral, Category 4         Acute Toxicity: Skin, Category 4 <td colspan<="" td=""><td></td><td colspan="7">-</td></td>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <td></td> <td colspan="7">-</td>                                                           |                                                                                                                                                                                                                  | -                                                    |                                                  |  |  |  |  |  |
| Company Name:       Cayman Chemical Company<br>1180 E. Elisworth Rd.<br>Ann Arbor, MI 48108         Web site address:       www.caymanchem.com         Information:       Cayman Chemical Company       +1 (734)971-3335         Immergency telephone number:       Emergency Contact:       CHEMTREC Within USA and Canada:       +1 (800)424-9300<br>CHEMTREC Outside USA and Canada:       +1 (800)424-9300<br>CHEMTREC Outside USA and Canada:       +1 (703)527-3887         Section 2. Hazards Identification         Section 2. Hazards Identification         Category 4<br>Acute Toxicity: Inhalation, Category 4<br>Acute Toxicity: Skin, Category 4<br>Acute Toxicity: Oral, Category 4<br>Acute Toxicity: Oral, Category 4         Acute Toxicity: Skin, Category 4<br>Acute Toxicity: Skin, Category 4         Acute Toxicity: Skin, Category 4<br>Acute Toxicity: Skin, Category 4         Acute Toxicity: Oral, Category 4         Acute Toxicity: Skin, Category 4 <td colspan<="" td=""><td>1.3</td><td>Details of the Supplier of the</td><td>Safety Data Sheet:</td><td></td></td>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <td>1.3</td> <td>Details of the Supplier of the</td> <td>Safety Data Sheet:</td> <td></td> | 1.3                                                                                                                                                                                                              | Details of the Supplier of the                       | Safety Data Sheet:                               |  |  |  |  |  |
| Information:       Cayman Chemical Company       +1 (734)971-3335         IM       Emergency telephone number:       Emergency Contact:       CHEMTREC Within USA and Canada:       +1 (800)424-9300         CHEMTREC Outside USA and Canada:       +1 (703)527-3887         Section 2. Hazards Identification         Section 2. Hazards Identification         Classification of the Substance or Mixture:         Acute Toxicity: Inhalation, Category 4         Acute Toxicity: Oral, Category 4         Acute Toxicity: Skin, Category 4 <td colspa<="" td=""><td></td><td></td><td colspan="6">Cayman Chemical Company<br/>1180 E. Ellsworth Rd.</td></td>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <td></td> <td></td> <td colspan="6">Cayman Chemical Company<br/>1180 E. Ellsworth Rd.</td> |                                                                                                                                                                                                                  |                                                      | Cayman Chemical Company<br>1180 E. Ellsworth Rd. |  |  |  |  |  |
| 4. Emergency telephone number:       HIMTREC Within USA and Canada:       +1 (800)424-9300         CHEMTREC Outside USA and Canada:       +1 (703)527-3887         Section 2. Hazards Identification         10 Classification of the Substance or Mixture:         Acute Toxicity: Inhalation, Category 4         Acute Toxicity: Skin, Stagga         Acute                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                            | Web site address:                                                                                                                                                                                                | www.caymanchem.com                                   |                                                  |  |  |  |  |  |
| Emergency Contact:       CHEMTREC Within USA and Canada:       +1 (800)424-9300         CHEMTREC Outside USA and Canada:       +1 (703)527-3887         Section 2. Hazards Identification         Acute Toxicity: Inhalation, Category 4         Acute Toxicity: Skin, Category 4         Stage S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                            | Information:                                                                                                                                                                                                     | Cayman Chemical Company                              | +1 (734)971-3335                                 |  |  |  |  |  |
| Section 2. Hazards Identification         Section 2. Hazards Identification         Acute Toxicity: Inhalation, Category 4         Acute Toxicity: Oral, Category 4         Acute Toxicity: Skin, Category 4         Acute Toxicity: Skin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1.4                                                                                        |                                                                                                                                                                                                                  |                                                      | +1 (800)424-9300                                 |  |  |  |  |  |
| <ul> <li>2.1 Classification of the Substance or Mixture:<br/>Acute Toxicity: Inhalation, Category 4<br/>Acute Toxicity: Oral, Category 4<br/>Acute Toxicity: Skin, Category 4</li> <li>Acute Advis, Firandi, Skin, Mategory Systeps, Systeps,</li></ul> |                                                                                            |                                                                                                                                                                                                                  | CHEMTREC Outside USA and Canada:                     | +1 (703)527-3887                                 |  |  |  |  |  |
| <ul> <li>2.1 Classification of the Substance or Mixture:<br/>Acute Toxicity: Inhalation, Category 4<br/>Acute Toxicity: Oral, Category 4<br/>Acute Toxicity: Skin, Category 4</li> <li>Acute Advis, Firandi, Skin, Mategory Systeps, Systeps,</li></ul> |                                                                                            |                                                                                                                                                                                                                  | Section 2. Hazards Identifica                        | ation                                            |  |  |  |  |  |
| Acute Toxicity: Inhalation, Category 4         Acute Toxicity: Oral, Category 4         Acute Toxicity: Skin, Category 4 <td< th=""><th>2 1</th><th>Classification of the Substar</th><th></th><th></th></td<>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2 1                                                                                        | Classification of the Substar                                                                                                                                                                                    |                                                      |                                                  |  |  |  |  |  |
| Acute Toxicity: Oral, Category 4         Acute Toxicity: Skin, Category 4         Acute Toxicity: Skin, Category 4         Label Elements:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.1                                                                                        |                                                                                                                                                                                                                  |                                                      |                                                  |  |  |  |  |  |
| Acute Toxicity: Skin, Category 4         Label Elements:         Image: Signal Word:       Warning         GHS Signal Word:       Warning         GHS Atzard Phrases:         H302: Harmful if swallowed.         H312: Harmful in contact with skin.         H332: Harmful if inhaled.         GHS Precaution Phrases:         P261: Avoid breathing (dust/fume/gas/mist/vapors/spray).         P264: Wash (hands) thoroughly after handling.         P280: Wear (protective gloves/protective clothing/eye protection/face protection).         GHS Response Phrases:         P301+312: IF SWALLOWED: P312: Call a POISON CENTER or doctor/physician if you feel unwell.         P302+342: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.         P321: Specific treatment (see on this label).         P330: Rinse mouth.         P342+364: Take off contaminated clothing and wash it before reuse.         GHS Storage and Disposal Phrases:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                            | -                                                                                                                                                                                                                |                                                      |                                                  |  |  |  |  |  |
| <ul> <li>Label Elements:</li> <li> GHS Signal Word: Warning GHS Hazard Phrases: H302: Harmful if swallowed. H312: Harmful in contact with skin. H332: Harmful if inhaled. GHS Precaution Phrases: P261: Avoid breathing (dust/fume/gas/mist/vapors/spray). P264: Wash (hands) thoroughly after handling. P280: Wear (protective gloves/protective clothing/eye protection/face protection). GHS Response Phrases: P301+312: IF SWALLOWED: P312: Call a POISON CENTER or doctor/physician if you feel unwell. P302+352: IF ON SKIN: Wash with plenty of soap and water. P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P321: Specific treatment (see on this label). P330: Rinse mouth. P362+364: Take off contaminated clothing and wash it before reuse. GHS Storage and Disposal Phrases:</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                            |                                                                                                                                                                                                                  |                                                      |                                                  |  |  |  |  |  |
| First Signal Word:       Warning         BAS Signal Word:       Warning         BAS Signal Word:       Warning         BAS Harard Phrases:       Harard Phrases:         H302: Harmful if swallowed.       H312: Harmful in contact with skin.         H312: Harmful in contact with skin.       H332: Harmful if inhaled.         BOH Perceution Phrases:       Post Preceution Phrases:         P261: Avoid breathing (dust/fume/gas/mist/vapors/spray).       P264: Wash (hands) thoroughly after handling.         P264: Wash (hands) thoroughly after handling.       P301: Wara (protective gloves/protective clothing/eye protection/face protection).         BO1P-312: IF SWALLOWED: P312: Call a POISON CENTER or doctor/physician if you feel unwell.       P302: 432: IF ON SKIN: Wash with plenty of soap and water.         P304: 340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.       P34: 340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.         P302: Specific treatment (see on this label).       P303: Rinse mouth.         P303: Rinse mouth.       P32: Specific treatment (see on this label).         P303: Rinse mouth.       P32: Ait ake off contaminated clothing and wash it before reuse.         CHS torage and Disposal Phrases:       CHS torage and Disposal Phrases:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                            | -                                                                                                                                                                                                                | jory 4                                               |                                                  |  |  |  |  |  |
| GHS Hazard Phrases:H302: Harmful if swallowed.H312: Harmful in contact with skin.H332: Harmful if inhaled.GHS Precaution Phrases:P261: Avoid breathing {dust/fume/gas/mist/vapors/spray}.P264: Wash {hands} thoroughly after handling.P280: Wear {protective gloves/protective clothing/eye protection/face protection}.GHS Response Phrases:P301+312: IF SWALLOWED: P312: Call a POISON CENTER or doctor/physician if you feel unwell.P302+352: IF ON SKIN: Wash with plenty of soap and water.P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.P331: Specific treatment {see on this label}.P330: Rinse mouth.P362+364: Take off contaminated clothing and wash it before reuse.GHS Storage and Disposal Phrases:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                            |                                                                                                                                                                                                                  |                                                      |                                                  |  |  |  |  |  |
| GHS Hazard Phrases:H302: Harmful if swallowed.H312: Harmful in contact with skin.H332: Harmful if inhaled.GHS Precaution Phrases:P261: Avoid breathing {dust/fume/gas/mist/vapors/spray}.P264: Wash {hands} thoroughly after handling.P280: Wear {protective gloves/protective clothing/eye protection/face protection}.GHS Response Phrases:P301+312: IF SWALLOWED: P312: Call a POISON CENTER or doctor/physician if you feel unwell.P302+352: IF ON SKIN: Wash with plenty of soap and water.P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.P331: Specific treatment {see on this label}.P330: Rinse mouth.P362+364: Take off contaminated clothing and wash it before reuse.GHS Storage and Disposal Phrases:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                            | $\mathbf{\nabla}$                                                                                                                                                                                                |                                                      |                                                  |  |  |  |  |  |
| <ul> <li>H302: Harmful if swallowed.</li> <li>H312: Harmful in contact with skin.</li> <li>H332: Harmful if inhaled.</li> <li>GHS Precaution Phrases:</li> <li>P261: Avoid breathing {dust/fume/gas/mist/vapors/spray}.</li> <li>P264: Wash {hands} thoroughly after handling.</li> <li>P280: Wear {protective gloves/protective clothing/eye protection/face protection}.</li> <li>GHS Response Phrases:</li> <li>P301+312: IF SWALLOWED: P312: Call a POISON CENTER or doctor/physician if you feel unwell.</li> <li>P302+352: IF ON SKIN: Wash with plenty of soap and water.</li> <li>P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</li> <li>P321: Specific treatment {see on this label}.</li> <li>P362+364: Take off contaminated clothing and wash it before reuse.</li> <li>GHS Storage and Disposal Phrases:</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                            | GHS Signal Word:                                                                                                                                                                                                 | Warning                                              |                                                  |  |  |  |  |  |
| <ul> <li>H312: Harmful in contact with skin.</li> <li>H332: Harmful if inhaled.</li> <li>GHS Precaution Phrases:</li> <li>P261: Avoid breathing {dust/fume/gas/mist/vapors/spray}.</li> <li>P264: Wash {hands} thoroughly after handling.</li> <li>P280: Wear {protective gloves/protective clothing/eye protection/face protection}.</li> <li>GHS Response Phrases:</li> <li>P301+312: IF SWALLOWED: P312: Call a POISON CENTER or doctor/physician if you feel unwell.</li> <li>P302+352: IF ON SKIN: Wash with plenty of soap and water.</li> <li>P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</li> <li>P321: Specific treatment {see on this label}.</li> <li>P330: Rinse mouth.</li> <li>P362+364: Take off contaminated clothing and wash it before reuse.</li> <li>GHS Storage and Disposal Phrases:</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                            | GHS Hazard Phrases:                                                                                                                                                                                              |                                                      |                                                  |  |  |  |  |  |
| <ul> <li>H332: Harmful if inhaled.</li> <li>GHS Precaution Phrases:</li> <li>P261: Avoid breathing {dust/fume/gas/mist/vapors/spray}.</li> <li>P264: Wash {hands} thoroughly after handling.</li> <li>P280: Wear {protective gloves/protective clothing/eye protection/face protection}.</li> <li>GHS Response Phrases:</li> <li>P301+312: IF SWALLOWED: P312: Call a POISON CENTER or doctor/physician if you feel unwell.</li> <li>P302+352: IF ON SKIN: Wash with plenty of soap and water.</li> <li>P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</li> <li>P321: Specific treatment {see on this label}.</li> <li>P330: Rinse mouth.</li> <li>P362+364: Take off contaminated clothing and wash it before reuse.</li> <li>GHS Storage and Disposal Phrases:</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                            | H302: Harmful if swallowed.                                                                                                                                                                                      |                                                      |                                                  |  |  |  |  |  |
| <ul> <li>GHS Precaution Phrases:</li> <li>P261: Avoid breathing {dust/fume/gas/mist/vapors/spray}.</li> <li>P264: Wash {hands} thoroughly after handling.</li> <li>P280: Wear {protective gloves/protective clothing/eye protection/face protection}.</li> <li>GHS Response Phrases:</li> <li>P301+312: IF SWALLOWED: P312: Call a POISON CENTER or doctor/physician if you feel unwell.</li> <li>P302+352: IF ON SKIN: Wash with plenty of soap and water.</li> <li>P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</li> <li>P321: Specific treatment {see on this label}.</li> <li>P330: Rinse mouth.</li> <li>P362+364: Take off contaminated clothing and wash it before reuse.</li> <li>GHS Storage and Disposal Phrases:</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                            | H312: Harmful in contact with skin.                                                                                                                                                                              |                                                      |                                                  |  |  |  |  |  |
| <ul> <li>P261: Avoid breathing {dust/fume/gas/mist/vapors/spray}.</li> <li>P264: Wash {hands} thoroughly after handling.</li> <li>P280: Wear {protective gloves/protective clothing/eye protection/face protection}.</li> <li>GHS Response Phrases:</li> <li>P301+312: IF SWALLOWED: P312: Call a POISON CENTER or doctor/physician if you feel unwell.</li> <li>P302+352: IF ON SKIN: Wash with plenty of soap and water.</li> <li>P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</li> <li>P301: Specific treatment {see on this label}.</li> <li>P302: Rinse mouth.</li> <li>P362+364: Take off contaminated clothing and wash it before reuse.</li> <li>GHS Storage and Disposal Phrases:</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                            | H332: Harmful if inhaled.                                                                                                                                                                                        |                                                      |                                                  |  |  |  |  |  |
| <ul> <li>P264: Wash {hands} thoroughly after handling.</li> <li>P280: Wear {protective gloves/protective clothing/eye protection/face protection}.</li> <li>GHS Response Phrases:</li> <li>P301+312: IF SWALLOWED: P312: Call a POISON CENTER or doctor/physician if you feel unwell.</li> <li>P302+352: IF ON SKIN: Wash with plenty of soap and water.</li> <li>P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</li> <li>P321: Specific treatment {see on this label}.</li> <li>P330: Rinse mouth.</li> <li>P362+364: Take off contaminated clothing and wash it before reuse.</li> <li>GHS Storage and Disposal Phrases:</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                            | GHS Precaution Phrases:                                                                                                                                                                                          |                                                      |                                                  |  |  |  |  |  |
| <ul> <li>P280: Wear {protective gloves/protective clothing/eye protection/face protection}.</li> <li>GHS Response Phrases:</li> <li>P301+312: IF SWALLOWED: P312: Call a POISON CENTER or doctor/physician if you feel unwell.</li> <li>P302+352: IF ON SKIN: Wash with plenty of soap and water.</li> <li>P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</li> <li>P321: Specific treatment {see on this label}.</li> <li>P330: Rinse mouth.</li> <li>P362+364: Take off contaminated clothing and wash it before reuse.</li> <li>GHS Storage and Disposal Phrases:</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                            | P261: Avoid breathing {dust/fume/gas/mist/vapors/spray}.                                                                                                                                                         |                                                      |                                                  |  |  |  |  |  |
| <ul> <li>GHS Response Phrases:</li> <li>P301+312: IF SWALLOWED: P312: Call a POISON CENTER or doctor/physician if you feel unwell.</li> <li>P302+352: IF ON SKIN: Wash with plenty of soap and water.</li> <li>P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</li> <li>P321: Specific treatment {see on this label}.</li> <li>P330: Rinse mouth.</li> <li>P362+364: Take off contaminated clothing and wash it before reuse.</li> <li>GHS Storage and Disposal Phrases:</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                            | P264: Wash {hands} thoroughly after handling.                                                                                                                                                                    |                                                      |                                                  |  |  |  |  |  |
| <ul> <li>P301+312: IF SWALLOWED: P312: Call a POISON CENTER or doctor/physician if you feel unwell.</li> <li>P302+352: IF ON SKIN: Wash with plenty of soap and water.</li> <li>P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</li> <li>P321: Specific treatment {see on this label}.</li> <li>P330: Rinse mouth.</li> <li>P362+364: Take off contaminated clothing and wash it before reuse.</li> <li>GHS Storage and Disposal Phrases:</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                            | P280: Wear {protective gloves/protective clothing/eye protection/face protection}.                                                                                                                               |                                                      |                                                  |  |  |  |  |  |
| <ul> <li>P301+312: IF SWALLOWED: P312: Call a POISON CENTER or doctor/physician if you feel unwell.</li> <li>P302+352: IF ON SKIN: Wash with plenty of soap and water.</li> <li>P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</li> <li>P321: Specific treatment {see on this label}.</li> <li>P330: Rinse mouth.</li> <li>P362+364: Take off contaminated clothing and wash it before reuse.</li> <li>GHS Storage and Disposal Phrases:</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                            | GHS Response Phrases:                                                                                                                                                                                            |                                                      |                                                  |  |  |  |  |  |
| <ul> <li>P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</li> <li>P321: Specific treatment {see on this label}.</li> <li>P330: Rinse mouth.</li> <li>P362+364: Take off contaminated clothing and wash it before reuse.</li> <li>GHS Storage and Disposal Phrases:</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                            | P301+312: IF SWALLOWED: P312: Call a POISON CENTER or doctor/physician if you feel unwell.                                                                                                                       |                                                      |                                                  |  |  |  |  |  |
| P330: Rinse mouth.<br>P362+364: Take off contaminated clothing and wash it before reuse.<br>GHS Storage and Disposal Phrases:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                            |                                                                                                                                                                                                                  |                                                      |                                                  |  |  |  |  |  |
| GHS Storage and Disposal Phrases:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                            | P330: Rinse mouth.                                                                                                                                                                                               |                                                      |                                                  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                            |                                                                                                                                                                                                                  |                                                      |                                                  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                            |                                                                                                                                                                                                                  |                                                      |                                                  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                            |                                                                                                                                                                                                                  |                                                      |                                                  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                            |                                                                                                                                                                                                                  |                                                      |                                                  |  |  |  |  |  |



Revision: 04/14/2018

| 2.3                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                | se Human Health<br>and Symptoms:                                                 | Harmful if inhaled, swallowed, or in contact with skin.<br>Material may be irritating to the mucous membranes and upper respiratory tract.<br>May cause eye, skin, or respiratory system irritation.<br>To the best of our knowledge, the toxicological properties have not been thoroughly investigated.                                                                                                                                                                                                   |                         |                                     |                                                                         |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------------|-------------------------------------------------------------------------|--|--|--|
|                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                | Sect                                                                             | ion 3. Composition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | /Information            | on Ingredie                         | nts                                                                     |  |  |  |
| CAS<br>RTEC                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                | Hazardous Comp<br>REACH Registra                                                 | oonents (Chemical Name)/<br>tion No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Concentration 100.0 %   | EC No./<br>EC Index No.<br>NA<br>NA | GHS Classification                                                      |  |  |  |
| NA<br>NA                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                | 3,4-Ethylenedioxy U                                                              | -47700 (hydrochloride)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                         |                                     | Acute Tox.(O) 4: H302<br>Acute Tox.(D) 4: H312<br>Acute Tox.(I) 4: H332 |  |  |  |
|                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                |                                                                                  | Section 4. Fi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | rst Aid Meas            | ures                                |                                                                         |  |  |  |
| 4.1                                                                                                                                                                                   | Measu                                                                                                                                                                                                                                                                                                                                          | ption of First Aid<br>res:<br>e of Inhalation:                                   | Remove to fresh air. If not bre                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | eathing, give artificia | al respiration or di                | ve oxvoen by trained personnel.                                         |  |  |  |
|                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                |                                                                                  | <ul> <li>Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel.</li> <li>Get immediate medical attention.</li> <li>Immediately wash skin with soap and plenty of water for at least 15 minutes. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.</li> <li>Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Have eyes examined and tested by medical personnel.</li> </ul> |                         |                                     |                                                                         |  |  |  |
|                                                                                                                                                                                       | In Case                                                                                                                                                                                                                                                                                                                                        | e of Eye Contact:                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                         |                                     |                                                                         |  |  |  |
|                                                                                                                                                                                       | In Case                                                                                                                                                                                                                                                                                                                                        | e of Ingestion:                                                                  | Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.                                                                                                                                                                                                                                                                                                 |                         |                                     |                                                                         |  |  |  |
|                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                |                                                                                  | Section 5. Fire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Fighting Me             | asures                              |                                                                         |  |  |  |
| 5.1 Suitable Extinguishing Use alcohol-resistant foam, carbon dioxide, water, o                                                                                                       |                                                                                                                                                                                                                                                                                                                                                |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                         | er, or dry chemica                  | l spray.                                                                |  |  |  |
|                                                                                                                                                                                       | Media:                                                                                                                                                                                                                                                                                                                                         |                                                                                  | Use water spray to cool fire-e                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | exposed containers.     |                                     |                                                                         |  |  |  |
| Unsuitable Extinguishing A solid water stream may be inefficient.<br>Media:                                                                                                           |                                                                                                                                                                                                                                                                                                                                                |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                         |                                     |                                                                         |  |  |  |
| 5.2                                                                                                                                                                                   | Flammable Properties andNo data available.<br>Hazards:                                                                                                                                                                                                                                                                                         |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                         |                                     |                                                                         |  |  |  |
|                                                                                                                                                                                       | nazaru                                                                                                                                                                                                                                                                                                                                         | 15.                                                                              | No data available.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                         |                                     |                                                                         |  |  |  |
|                                                                                                                                                                                       | Flash I                                                                                                                                                                                                                                                                                                                                        | Pt:                                                                              | No data.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                         |                                     |                                                                         |  |  |  |
|                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                | ive Limits:                                                                      | LEL: No data. UEL: No data.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                         |                                     |                                                                         |  |  |  |
|                                                                                                                                                                                       | Autoig                                                                                                                                                                                                                                                                                                                                         | nition Pt:                                                                       | No data.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                         |                                     |                                                                         |  |  |  |
| 5.3                                                                                                                                                                                   | Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.                                                                                                                                            |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                         |                                     |                                                                         |  |  |  |
|                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                |                                                                                  | Section 6. Accider                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | tal Release             | Measures                            |                                                                         |  |  |  |
| 6.1                                                                                                                                                                                   | <ul> <li>Protective Precautions, Avoid raising and breathing dust, and provide adequate ventilation.</li> <li>Protective Equipment and As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator, and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves).</li> </ul> |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                         |                                     |                                                                         |  |  |  |
| 6.2                                                                                                                                                                                   | Enviro<br>Precau                                                                                                                                                                                                                                                                                                                               | nmentalTake steps to avoid release into the environment, if safe to do so.tions: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                         |                                     |                                                                         |  |  |  |
| <ul> <li>6.3 Methods and Material For Contain spill and collect, as appropriate.</li> <li>Containment and Cleaning Transfer to a chemical waste container for disposed up:</li> </ul> |                                                                                                                                                                                                                                                                                                                                                |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | osal in accordance      | e with local regulations.           |                                                                         |  |  |  |
|                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                         |                                     | Multi-region forma                                                      |  |  |  |



Revision: 04/14/2018

|                               |                                                                           | Section 7. Handling and Storage                                                                      |  |  |  |  |  |
|-------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| 7.1                           | Precautions To Be Taken Avoid breathing dust/fume/gas/mist/vapours/spray. |                                                                                                      |  |  |  |  |  |
|                               | h Handling: Avoid prolonged or repeated exposure.                         |                                                                                                      |  |  |  |  |  |
| 7.2                           | Precautions To Be Taken                                                   | en Keep container tightly closed.                                                                    |  |  |  |  |  |
|                               | in Storing:                                                               | Store in accordance with information listed on the product insert.                                   |  |  |  |  |  |
|                               | Section                                                                   | on 8. Exposure Controls/Personal Protection                                                          |  |  |  |  |  |
| 8.1                           | Exposure Parameters:                                                      |                                                                                                      |  |  |  |  |  |
| 8.2                           | Exposure Controls:                                                        |                                                                                                      |  |  |  |  |  |
| 8.2.1                         | Engineering Controls                                                      | Jse process enclosures, local exhaust ventilation, or other engineering controls to control airborne |  |  |  |  |  |
|                               | (Ventilation etc.):                                                       | evels below recommended exposure limits.                                                             |  |  |  |  |  |
| 8.2.2                         | Personal protection equipr                                                | nent:                                                                                                |  |  |  |  |  |
|                               | Eye Protection:                                                           | Safety glasses                                                                                       |  |  |  |  |  |
|                               | Protective Gloves:                                                        | Compatible chemical-resistant gloves                                                                 |  |  |  |  |  |
|                               | Other Protective Clothing:                                                | _ab coat                                                                                             |  |  |  |  |  |
|                               | Respiratory Equipment                                                     | NIOSH approved respirator, as conditions warrant.                                                    |  |  |  |  |  |
|                               | (Specify Type):                                                           |                                                                                                      |  |  |  |  |  |
|                               | Work/Hygienic/Maintenan                                                   | Do not take internally.                                                                              |  |  |  |  |  |
|                               | ce Practices:                                                             | Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower |  |  |  |  |  |
|                               | Wash thoroughly after handling.                                           |                                                                                                      |  |  |  |  |  |
|                               | 1                                                                         | No data available.                                                                                   |  |  |  |  |  |
|                               | Se                                                                        | ction 9. Physical and Chemical Properties                                                            |  |  |  |  |  |
| 9.1                           | Information on Basic Physic                                               | cal and Chemical Properties                                                                          |  |  |  |  |  |
|                               | Physical States:                                                          | []Gas []Liquid [X]Solid                                                                              |  |  |  |  |  |
|                               | Appearance and Odor:                                                      | A crystalline solid                                                                                  |  |  |  |  |  |
|                               | pH:                                                                       | No data.                                                                                             |  |  |  |  |  |
|                               | Melting Point:                                                            | No data.                                                                                             |  |  |  |  |  |
|                               | Boiling Point:                                                            | No data.                                                                                             |  |  |  |  |  |
|                               | Flash Pt:                                                                 | No data.                                                                                             |  |  |  |  |  |
|                               | Evaporation Rate:                                                         | No data.                                                                                             |  |  |  |  |  |
|                               | Flammability (solid, gas):                                                | No data available.                                                                                   |  |  |  |  |  |
|                               | Explosive Limits:                                                         | LEL: No data. UEL: No data.                                                                          |  |  |  |  |  |
|                               | Vapor Pressure (vs. Air or                                                | mm No data.                                                                                          |  |  |  |  |  |
|                               | Hg):                                                                      |                                                                                                      |  |  |  |  |  |
|                               | Vapor Density (vs. Air = 1):                                              |                                                                                                      |  |  |  |  |  |
|                               | Specific Gravity (Water = 1)                                              |                                                                                                      |  |  |  |  |  |
| Solubility in Water: No data. |                                                                           |                                                                                                      |  |  |  |  |  |
|                               | Octanol/Water Partition No data.                                          |                                                                                                      |  |  |  |  |  |
|                               | Coefficient:                                                              |                                                                                                      |  |  |  |  |  |
|                               |                                                                           |                                                                                                      |  |  |  |  |  |
|                               |                                                                           |                                                                                                      |  |  |  |  |  |
|                               |                                                                           |                                                                                                      |  |  |  |  |  |
| 1                             |                                                                           |                                                                                                      |  |  |  |  |  |



Revision: 04/14/2018

Multi-region format

|      | HEMICAL   |                       |                    |                              |                |                  |                |        |      |
|------|-----------|-----------------------|--------------------|------------------------------|----------------|------------------|----------------|--------|------|
|      | Autoign   |                       |                    | No data.                     |                |                  |                |        |      |
|      |           | osition Temperat      | ure:               | No data.                     |                |                  |                |        |      |
|      | Viscosit  | <b>y</b> :            |                    | No data.                     |                |                  |                |        |      |
| 9.2  | Other Inf | ormation              |                    |                              |                |                  |                |        |      |
|      | Percent   | Volatile:             |                    | No data.                     |                |                  |                |        |      |
|      | Molecula  | ar Formula & Weig     | ght:               | C18H26N2O3 • HCI             | 354.9          |                  |                |        |      |
|      |           |                       | S                  | Section 10. Stabi            | ility and      | Reactivit        | y              |        |      |
| 10.1 | Reactivi  | ty:                   | No da              | ta available.                |                |                  |                |        |      |
| 10.2 | Stability | :                     | Unsta              | ble [ ] Stable [ X ]         |                |                  |                |        |      |
| 10.3 | Stability | Note(s):              | Stable             | e if stored in accordance    | with informa   | tion listed on t | the product in | nsert. |      |
|      | Polymer   | ization:              | Will o             | ccur [ ] Will not occ        | ur [ X ]       |                  |                |        |      |
| 10.4 | Conditio  | ons To Avoid:         | No da              | ta available.                |                |                  |                |        |      |
| 10.5 | Incompa   | atibility - Materials | s No da            | ta available.                |                |                  |                |        |      |
|      | To Avoid  | d:                    |                    |                              |                |                  |                |        |      |
| 10.6 | Hazardo   | us                    | No da              | ta available.                |                |                  |                |        |      |
|      | -         | osition or            |                    |                              |                |                  |                |        |      |
|      | Byprodu   | icts:                 |                    |                              |                |                  |                |        |      |
|      |           |                       | Se                 | ection 11. Toxico            | ological       | Informati        | on             |        |      |
| 11.1 | Informat  | ion on                | The to             | oxicological effects of this | product hav    | ve not been th   | oroughly stu   | died.  |      |
|      | Toxicolo  | gical Effects:        |                    |                              |                |                  |                |        |      |
| CAS  | #         | Hazardous Com         | ponen              | ts (Chemical Name)           |                | NTP              | IARC           | ACGIH  | OSHA |
|      | NA        | 3,4-Ethylenedioxy     | y U-477            | 700 (hydrochloride)          |                | n.a.             | n.a.           | n.a.   | n.a. |
|      |           |                       |                    | Section 12. Ecol             | ogical Ir      | formatio         | n              | -      |      |
| 12.1 | Toxicity  |                       |                    | release into the environr    |                |                  |                |        |      |
|      | j         | -                     | Runof              | f from fire control or dilut | ion water ma   | ay cause pollu   | ition.         |        |      |
| 12.2 | Persiste  | nce and               | No da              | ta available.                |                |                  |                |        |      |
|      | Degrada   | bility:               |                    |                              |                |                  |                |        |      |
| 12.3 | Bioaccu   | mulative              | No da              | ta available.                |                |                  |                |        |      |
|      | Potentia  | l:                    |                    |                              |                |                  |                |        |      |
| 12.4 | Mobility  | in Soil:              | No da              | ta available.                |                |                  |                |        |      |
| 12.5 | -         |                       | No data available. |                              |                |                  |                |        |      |
| -    | assessn   |                       |                    |                              |                |                  |                |        |      |
| 12.6 | Other ac  | lverse effects:       | No da              | ta available.                |                |                  |                |        |      |
|      |           |                       | S                  | ection 13. Dispo             | sal Con        | sideratio        | ns             |        |      |
| 13.1 | Waste D   | isposal Method:       | Dispo              | se in accordance with loo    | cal, state, an | d federal regu   | lations.       |        |      |
|      |           |                       | ·                  |                              | , ,            | 5                |                |        |      |
|      |           |                       |                    |                              |                |                  |                |        |      |
|      |           |                       |                    |                              |                |                  |                |        |      |
|      |           |                       |                    |                              |                |                  |                |        |      |
|      |           |                       |                    |                              |                |                  |                |        |      |
|      |           |                       |                    |                              |                |                  |                |        |      |
|      |           |                       |                    |                              |                |                  |                |        |      |
|      |           |                       |                    |                              |                |                  |                |        |      |
| 1    |           |                       |                    |                              |                |                  |                |        |      |



Revision: 04/14/2018

|                 |                  | Section 14. Tran                                                                                                               | sport Informa                                | ation               |                          |  |  |  |  |
|-----------------|------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|---------------------|--------------------------|--|--|--|--|
| 14.1 LAND T     | RANSPORT (US     | DOT):                                                                                                                          |                                              |                     |                          |  |  |  |  |
| DOT Prope       | er Shipping Name | Not dangerous goods.                                                                                                           |                                              |                     |                          |  |  |  |  |
| DOT Hazar       | d Class:         |                                                                                                                                |                                              |                     |                          |  |  |  |  |
| UN/NA Nur       | nber:            |                                                                                                                                |                                              |                     |                          |  |  |  |  |
| 14.1 LAND T     | RANSPORT (Euro   | opean ADR/RID):                                                                                                                |                                              |                     |                          |  |  |  |  |
| ADR/RID S       | hipping Name:    | Not dangerous goods.                                                                                                           |                                              |                     |                          |  |  |  |  |
| UN Numbe        |                  |                                                                                                                                |                                              |                     |                          |  |  |  |  |
| Hazard Cla      | SS:              |                                                                                                                                |                                              |                     |                          |  |  |  |  |
|                 | ANSPORT (ICAO/   | -                                                                                                                              |                                              |                     |                          |  |  |  |  |
|                 | Shipping Name:   | Not dangerous goods.                                                                                                           |                                              |                     |                          |  |  |  |  |
| Additional Trai | nsport           | Transport in accordance with lo                                                                                                | cal, state, and feder                        | al regulations.     |                          |  |  |  |  |
| Information:    |                  |                                                                                                                                |                                              |                     |                          |  |  |  |  |
|                 |                  | Section 15. Regul                                                                                                              | latory Informa                               | ation               |                          |  |  |  |  |
| EPA SARA (Su    | perfund Amendm   | nents and Reauthorization Act                                                                                                  | of 1986) Lists                               |                     |                          |  |  |  |  |
| CAS #           | Hazardous Com    | ponents (Chemical Name)                                                                                                        | S. 302 (EHS)                                 | S. 304 RQ           | S. 313 (TRI)             |  |  |  |  |
| NA              | 3,4-Ethylenediox | y U-47700 (hydrochloride)                                                                                                      | No                                           | No                  | No                       |  |  |  |  |
| CAS #           | Hazardous Com    | ponents (Chemical Name)                                                                                                        | Other US EPA or                              | State Lists         |                          |  |  |  |  |
| NA              | 3,4-Ethylenediox | y U-47700 (hydrochloride)                                                                                                      | CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA |                     |                          |  |  |  |  |
|                 |                  |                                                                                                                                | PROP.65: No                                  |                     |                          |  |  |  |  |
| Regulatory Info | ormation         | This SDS was prepared in acco                                                                                                  | ordance with 29 CFR                          | 1910.1200 and Re    | egulation (EC)           |  |  |  |  |
| Statement:      |                  | No.1272/2008.                                                                                                                  |                                              |                     |                          |  |  |  |  |
|                 |                  | Section 16. Oth                                                                                                                | ner Informatio                               | n                   |                          |  |  |  |  |
| Revision Date:  |                  | 04/14/2018                                                                                                                     |                                              |                     |                          |  |  |  |  |
| Additional Info | rmation About    | No data available.                                                                                                             |                                              |                     |                          |  |  |  |  |
| This Product:   |                  |                                                                                                                                |                                              |                     |                          |  |  |  |  |
| Company Polic   | y or Disclaimer: | DISCLAIMER: This information                                                                                                   | is believed to be ac                         | curate and represer | nts the best information |  |  |  |  |
|                 |                  | currently available to us. Howev                                                                                               |                                              | -                   |                          |  |  |  |  |
|                 |                  | express or implied, with respect to such information, and we assume no liability resulting from its                            |                                              |                     |                          |  |  |  |  |
|                 |                  | use. Users should make their own investigations to determine the suitability of the information for their particular purposes. |                                              |                     |                          |  |  |  |  |
|                 |                  | their particular purposes.                                                                                                     |                                              |                     |                          |  |  |  |  |
|                 |                  |                                                                                                                                |                                              |                     |                          |  |  |  |  |
|                 |                  |                                                                                                                                |                                              |                     |                          |  |  |  |  |
|                 |                  |                                                                                                                                |                                              |                     |                          |  |  |  |  |
|                 |                  |                                                                                                                                |                                              |                     |                          |  |  |  |  |
|                 |                  |                                                                                                                                |                                              |                     |                          |  |  |  |  |
|                 |                  |                                                                                                                                |                                              |                     |                          |  |  |  |  |
|                 |                  |                                                                                                                                |                                              |                     |                          |  |  |  |  |
|                 |                  |                                                                                                                                |                                              |                     |                          |  |  |  |  |
|                 |                  |                                                                                                                                |                                              |                     |                          |  |  |  |  |
|                 |                  |                                                                                                                                |                                              |                     |                          |  |  |  |  |
|                 |                  |                                                                                                                                |                                              |                     |                          |  |  |  |  |
|                 |                  |                                                                                                                                |                                              |                     |                          |  |  |  |  |

Multi-region format