

Revision: 11/04/2019

| | Section 1. | Identification of the Substance/Mixture and of the | he Company/Undertaking | | | | | | |
|-----|--|---|--|--|--|--|--|--|--|
| 1.1 | Product Code: | 29383 | 1 5 5 | | | | | | |
| | Product Name: | 29363 (±)14(15)-EET-d11 methyl ester | | | | | | | |
| | Synonyms: | | -d11 methyl ester: (+)14 15-EnETrE-d11 methy | | | | | | |
| | Synonyms: (±)14,15-epoxy-5Z,8Z,11Z-eicosatrienoic acid-d11, methyl ester; (±)14,15-EpETrE-d11 met ester; | | | | | | | | |
| 1.2 | Relevant identified uses of the substance or mixture and uses advised against: | | | | | | | | |
| | Relevant identified uses | For research use only, not for human or veteri | nary use. | | | | | | |
| 1.3 | Details of the Supplier of the Safety Data Sheet: | | | | | | | | |
| | Company Name: | Cayman Chemical Company | | | | | | | |
| | | 1180 E. Ellsworth Rd. | | | | | | | |
| | | Ann Arbor, MI 48108 | | | | | | | |
| | Web site address: | www.caymanchem.com | | | | | | | |
| | Information: | Cayman Chemical Company | +1 (734)971-3335 | | | | | | |
| 1.4 | Emergency telephone nu | | | | | | | | |
| | Emergency Contact: | CHEMTREC Within USA and Canada: | +1 (800)424-9300 | | | | | | |
| | | CHEMTREC Outside USA and Canada: | +1 (703)527-3887 | | | | | | |
| | | Section 2. Hazards Identific | ation | | | | | | |
| 2.1 | Classification of the Subs | tion of the Substance or Mixture: | | | | | | | |
| | Flammable Liquids, Cat | egory 2 | | | | | | | |
| 2.2 | Label Elements: | | | | | | | | |
| | <u>₹</u> 3 | | | | | | | | |
| | GHS Signal Word: GHS Hazard Phrases: | Danger | | | | | | | |
| | GHS Hazard Phrases: H225: Highly flammable I | iquid and vapor. | | | | | | | |
| | GHS Hazard Phrases: H225: Highly flammable I GHS Precautionary Phra | iquid and vapor. ases: | | | | | | | |
| | GHS Hazard Phrases: H225: Highly flammable I GHS Precautionary Phra P210: Keep away from {h | iquid and vapor. | - | | | | | | |
| | GHS Hazard Phrases: H225: Highly flammable I GHS Precautionary Phra P210: Keep away from {h | iquid and vapor. ases: leat/sparks/open flames/hot surfaces} No smoking loves/protective clothing/eye protection/face protect | - | | | | | | |
| | GHS Hazard Phrases: H225: Highly flammable I GHS Precautionary Phra P210: Keep away from {h P280: Wear {protective gl GHS Response Phrases | iquid and vapor. ases: leat/sparks/open flames/hot surfaces} No smoking loves/protective clothing/eye protection/face protect | ion}. | | | | | | |
| | GHS Hazard Phrases: H225: Highly flammable I GHS Precautionary Phra P210: Keep away from {h P280: Wear {protective gl GHS Response Phrases P303+361+353: IF ON SI water/shower. | iquid and vapor. ases: leat/sparks/open flames/hot surfaces} No smoking loves/protective clothing/eye protection/face protect s: KIN (or hair): Remove/take off immediately all conta | ion}. | | | | | | |
| | GHS Hazard Phrases: H225: Highly flammable I GHS Precautionary Phra P210: Keep away from {h P280: Wear {protective gl GHS Response Phrases P303+361+353: IF ON SI water/shower. GHS Storage and Dispo | iquid and vapor. ases: leat/sparks/open flames/hot surfaces} No smoking loves/protective clothing/eye protection/face protection s: KIN (or hair): Remove/take off immediately all conta | ion}. minated clothing. Rinse skin with | | | | | | |
| 2.3 | GHS Hazard Phrases: H225: Highly flammable I GHS Precautionary Phra P210: Keep away from {h P280: Wear {protective gl GHS Response Phrases P303+361+353: IF ON SI water/shower. GHS Storage and Dispo Please refer to Section 7 | iquid and vapor. ases: leat/sparks/open flames/hot surfaces} No smoking loves/protective clothing/eye protection/face protect s: KIN (or hair): Remove/take off immediately all conta sal Phrases: for Storage and Section 13 for Disposal information | ion}. minated clothing. Rinse skin with | | | | | | |
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| 2.3 | GHS Hazard Phrases: H225: Highly flammable I GHS Precautionary Phra P210: Keep away from {h P280: Wear {protective gl GHS Response Phrases P303+361+353: IF ON SI water/shower. GHS Storage and Dispo Please refer to Section 7 | iquid and vapor. ases: leat/sparks/open flames/hot surfaces} No smoking loves/protective clothing/eye protection/face protection c: KIN (or hair): Remove/take off immediately all contant sal Phrases: for Storage and Section 13 for Disposal information Material may be irritating to the mucous membrant May be harmful by inhalation, ingestion, or skin ab | ion}. minated clothing. Rinse skin with es and upper respiratory tract. osorption. | | | | | | |
| 2.3 | GHS Hazard Phrases: H225: Highly flammable I GHS Precautionary Phra P210: Keep away from {h P280: Wear {protective gl GHS Response Phrases P303+361+353: IF ON SI water/shower. GHS Storage and Dispo Please refer to Section 7 Adverse Human Health | iquid and vapor. ases: leat/sparks/open flames/hot surfaces} No smoking loves/protective clothing/eye protection/face protection s: KIN (or hair): Remove/take off immediately all contant sal Phrases: for Storage and Section 13 for Disposal information Material may be irritating to the mucous membran | ion}. minated clothing. Rinse skin with es and upper respiratory tract. osorption. on. | | | | | | |
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Multi-region format

| RTEC | | Hazardous Components (Chemical Name)/ REACH Registration No. | | Concentration | EC No./ EC Index No. | GHS Classification | | | |
|--------------|---|---|--|-------------------------------|---------------------------|---|--|--|--|
| NA NA | (±)14(15)-EET-d11 methyl ester | | | 0.025 % | NA NA | No data available. | | | |
| 64- KQ630 | | alcohol 119457610-43-0 | 0000 | 99.975 % | 200-578-6 603-002-00-5 | Flam. Liq. 2: H225 | | | |
| | | | Section 4. Fi | Section 4. First Aid Measures | | | | | |
| 4.1 | Description Measures: | of First Aid | | | | | | | |
| | In Case of In | halation: | Remove to fresh air. If not bro | | al respiration or giv | ve oxygen by trained personnel. | | | |
| | In Case of S | kin Contact: | | oap and plenty of w | | 5 minutes. Remove contaminate | | | |
| | In Case of E | ye Contact: | - | eyes with plenty of v | - | 5 minutes. Have eyes examined | | | |
| | In Case of In | gestion: | Wash out mouth with water p | rovided person is c | - | ive anything by mouth to an ng unless directed to do so by | | | |
| 4.2 | Important Sy Effects, Both Delayed: | - | l May cause anemia, cough, C (weakness, exhaustion), liver | - | | - | | | |
| | | | Section 5. Fire | Fighting Me | asures | | | | |
| 5.1 | Suitable Ext | inguishing | Use alcohol-resistant foam, o | carbon dioxide, wate | er, or dry chemical | spray. | | | |
| | Media: | | Use water spray to cool fire-e | exposed containers | | | | | |
| | Unsuitable E Media: | Extinguishing | A solid water stream may be | inefficient. | | | | | |
| 5.2 | Flammable F | Properties an | dCan release vapors that form | explosive mixtures | at temperatures a | at or above the flashpoint. | | | |
| | Hazards: | | Container explosion may occ | our under fire condit | ions. | | | | |
| | | | Emits toxic fumes under fire | conditions. | | | | | |
| | | | Sensitive to static discharge. | | | | | | |
| | | | Vapors can travel to a source | e of ignition and flas | h back. | | | | |
| | | | No data available. | | | | | | |
| | Flash Pt: | | 14.00 C Method Used: Cl | · | | | | | |
| | Explosive Li Autoignition | | LEL: 3.3% at 25.0 C 363.00 C | UEL: 19.0% | 5 at 25.0 C | | | | |
| 5.3 | Fire Fighting | Instructions | As in any fire, wear self-conta equivalent), and full protectiv Note: Flammable as diluted i | e gear to prevent c | - | | | | |
| | | | | | | | | | |
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|-------|--|--|---|--------------------------|--|--|--|
| | | | ental Release Measures | | | | |
| 6.1 | Protective Precautions, Avoid breathing vapors and provide adequate ventilation. | | | | | | |
| | Protective Equipment and | | ar a NIOSH approved self-contained breathing ap | | | | |
| | Emergency Procedures: | and appropriate personal | protection (rubber boots, safety goggles, and hea | avy rubber gloves). | | | |
| 6.2 | Environmental Take steps to avoid release into the environment, if safe to do so. | | | | | | |
| | Precautions: | | | | | | |
| 6.3 | Methods and Material For | r Contain spill and collect, a | as appropriate. | | | | |
| | Containment and Cleanin | gTransfer to a chemical was | ste container for disposal in accordance with loca | al regulations. | | | |
| | Up: | | | | | | |
| | | Section 7. Ha | andling and Storage | | | | |
| 7.1 | Precautions To Be Taken | Avoid breathing dust/fume/ | /gas/mist/vapours/spray. | | | | |
| | in Handling: | Avoid prolonged or repeate | ed exposure. | | | | |
| | | Keep away from sources o | of ignition. | | | | |
| | | Take precautionary measu | ires against static discharge. | | | | |
| 7.2 | Precautions To Be Taken | Keep away from heat, spar | | | | | |
| | in Storing: | Keep container tightly close | | | | | |
| | | | nformation listed on the product insert. | | | | |
| | Other Precautions: | Hygroscopic | | | | | |
| | Sect | tion 8. Exposure (| Controls/Personal Protection | | | | |
| 8.1 | Exposure Parameters: | | | | | | |
| CAS # | # Chemical Name | Jurisdiction | Recommended Exposure Limits | Notations | | | |
| 64-17 | -5 Ethyl alcohol | ACGIH TLV | TLV: 1000 ppm STEL: 1000 ppm | | | | |
| | | France VL | TWA: 1900 mg/m3 (1000 ppm) STEL: 9500 mg/m3 (5000 ppm) | | | | |
| | | OSHA PELs | PEL: 1000 ppm | | | | |
| | | Britain EH40 | TWA: 1920 mg/m3 (1000 ppm) STEL: () | | | | |
| 8.2 | Exposure Controls: | I | | I | | | |
| 8.2.1 | Engineering Controls | Use process enclosures, lo | ocal exhaust ventilation, or other engineering con | trols to control airborn | | | |
| | (Ventilation etc.): | levels below recommended | | | | | |
| 8.2.2 | Personal protection equi | pment: | | | | | |
| | Eye Protection: | Safety glasses | | | | | |
| | Protective Gloves: | | tant doves | | | | |
| | Other Protective Clothing | Compatible chemical-resistant gloves | | | | | |
| | Respiratory Equipment | NIOSH approved respirato | r as conditions warrant | | | | |
| | (Specify Type): | | , as conditions warrant. | | | | |
| | | Do not take internally | | | | | |
| | ce Practices: | an Do not take internally. | | | | | |
| | ce Flactices. | Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower. Wash thoroughly after handling. | | | | | |
| | | No data available. | | | | | |
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| | Section 9. Physical and Chemical Properties | | | | | | |
|------|---|---|--|--|--|--|--|
| 9.1 | Information on Basic Physical and Chemical Properties | | | | | | |
| | Physical States: | []Gas [X]Liquid []Solid | | | | | |
| | Appearance and Odor: | A solution in ethanol | | | | | |
| | pH: | No data. | | | | | |
| | Melting Point: | No data. | | | | | |
| | Boiling Point: | No data. | | | | | |
| | Flash Pt: | 14.00 C Method Used: Closed Cup | | | | | |
| | Evaporation Rate: | No data. | | | | | |
| | Flammability (solid, gas): | No data available. | | | | | |
| | Explosive Limits: | LEL: 3.3% at 25.0 C UEL: 19.0% at 25.0 C | | | | | |
| | Vapor Pressure (vs. Air or | mm 43 MM_HG at 20.0 C | | | | | |
| | Hg): | | | | | | |
| | Vapor Density (vs. Air = 1): | No data. | | | | | |
| | Specific Gravity (Water = 1) |): No data. | | | | | |
| | Solubility in Water: | No data. | | | | | |
| | Octanol/Water Partition | No data. | | | | | |
| | Coefficient: | | | | | | |
| | Autoignition Pt: | 363.00 C | | | | | |
| | Decomposition Temperatu | re: No data. | | | | | |
| | Viscosity: | No data. | | | | | |
| 9.2 | Other Information | | | | | | |
| | Percent Volatile: | No data. | | | | | |
| | Molecular Formula & Weigl | ht: C21H23D11O3 345.6 | | | | | |
| | | Section 10. Stability and Reactivity | | | | | |
| 10.1 | Reactivity: | No data available. | | | | | |
| 10.2 | - | Unstable [] Stable [X] | | | | | |
| 10.3 | - | Stable if stored in accordance with information listed on the product insert. | | | | | |
| | | Will occur [] Will not occur [X] | | | | | |
| 10.4 | - | heat, flames, and sparks | | | | | |
| 10.5 | Incompatibility - Materials | - | | | | | |
| 10.5 | | ammonia | | | | | |
| | | peroxides | | | | | |
| | | ng oxidizing agents | | | | | |
| | | | | | | | |
| 10.6 | | carbon dioxide | | | | | |
| 10.6 | Hazardous | carbon dioxide carbon monoxide | | | | | |
| 10.6 | Hazardous O | | | | | | |
| 10.6 | Hazardous | | | | | | |
| 10.6 | Hazardous O | | | | | | |
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| 10.6 | Hazardous O | | | | | | |

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| Runoff from fire control or dilution water may cause pollution. 12.2 Persistence and No data available. Degradability: 12.3 Bioaccumulative No data available. Potential: 12.4 Mobility in Soil: No data available. 12.5 Results of PBT and vPvB No data available. assessment: 12.6 Other adverse effects: No data available. 12.6 Other adverse effects: No data available. 12.1 Waste Disposal Method: Dispose in accordance with local, state, and federal regulations. 12.1 LAND TRANSPORT (US DOT): DOT Proper Shipping Name: Ethyl Alcohol Solution DOT Hazard Class: 3 FLAMMABLE LIQUID UN/NA Number: UN170 Packing Group: II | | | | | 11. Toxicolo | · | | | | |
|---|------|---------------------------------|------------------|--|--|---|--|---|--|--|
| CAS # Hazardous Components (Chemical Name) NTP IARC ACGIH OSHA NA (d)14(15)-EET-d11 methyl ester n.a. n.a. <td< th=""><th></th><th>Toxicole Chronic Effects:</th><th>ogical Effects:</th><th>Ethanol - Tox (rat): 7,060 m (rabbit): 6,300 ppm (30m); Ir (6h); Inhalatic Ethanol - Irrita Ethanol - Inve and tumorige Only select R See actual er Ethanol RTEC</th><th>icity Data: Oral TDLC g/kg; Oral LD50 (mou) mg/kg; Inhalation LC halation TCLO (hum in LCLO (mouse): 29 ation Data: Eyes (rable estigated as a drug, mon egistry of Toxic Effect try in RTECS for com CS Number: KQ63000</th><th>9 (man): 1.14 use): 3,450 m C50 (rat): 20, an): 2,500 m 300 ppm (7h bit): 500 mg (hutagen, natu ts of Chemic nplete inform</th><th>ml/kg; ng/kg; C 000 ppr g/m3 (2 n); (24h) m ural prod al Subs ation.</th><th>Oral TDLO (r Dral LD50 (mo m (10h); Inha 20m); Inhalatio ild; Skin (rabl duct, primary tances (RTE0</th><th>nan): 650 mg/k buse): 10.5 ml/ lation TCLO (h on LC50 (rat): bit): 20 mg (24 irritant, reprod</th><th>kg; Oral LD5(uman): 1,80(5,900 mg/m3 n) moderate; uctive effecto</th></td<> | | Toxicole Chronic Effects: | ogical Effects: | Ethanol - Tox (rat): 7,060 m (rabbit): 6,300 ppm (30m); Ir (6h); Inhalatic Ethanol - Irrita Ethanol - Inve and tumorige Only select R See actual er Ethanol RTEC | icity Data: Oral TDLC g/kg; Oral LD50 (mou) mg/kg; Inhalation LC halation TCLO (hum in LCLO (mouse): 29 ation Data: Eyes (rable estigated as a drug, mon egistry of Toxic Effect try in RTECS for com CS Number: KQ63000 | 9 (man): 1.14 use): 3,450 m C50 (rat): 20, an): 2,500 m 300 ppm (7h bit): 500 mg (hutagen, natu ts of Chemic nplete inform | ml/kg; ng/kg; C 000 ppr g/m3 (2 n); (24h) m ural prod al Subs ation. | Oral TDLO (r Dral LD50 (mo m (10h); Inha 20m); Inhalatio ild; Skin (rabl duct, primary tances (RTE0 | nan): 650 mg/k buse): 10.5 ml/ lation TCLO (h on LC50 (rat): bit): 20 mg (24 irritant, reprod | kg; Oral LD5(uman): 1,80(5,900 mg/m3 n) moderate; uctive effecto |
| NA (a)14(15)-EET-d11 methyl ester n.a. | | | - i | | U . | | | - | 4000 | |
| 64-17-5 Ethyl alcohol n.a. 1 A4 n.a. Section 12. Ecological Information 12.1 Toxicity: Avoid release into the environment. Runoff from fire control or dilution water may cause pollution. 12.1 Toxicity: Avoid release into the environment. Runoff from fire control or dilution water may cause pollution. 12.2 Persistence and No data available. Degradability: Degradability: 12.3 Bioaccumulative No data available. Potential: 12.4 Mobility in Soil: No data available. Section 13. Disposal Considerations assessment: 12.6 Other adverse effects: No data available. Section 13. Disposal Considerations Section 14. Transport Information 14.1 LAND TRANSPORT (US DOT): Dot Proper Shipping Name: Ethyl Alcohol Solution UN/ITO <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<> | | | | | | | | | | |
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| 12.1 Toxicity: Avoid release into the environment. Runoff from fire control or dilution water may cause pollution. 12.2 Persistence and Degradability: No data available. Degradability: 12.3 Bioaccumulative No data available. Potential: No data available. 12.4 Mobility in Soil: No data available. Potential: 10 No data available. 12.5 Results of PBT and vPvB No data available. assessment: 12.6 12.6 Other adverse effects: No data available. 12.6 Other adverse effects: No data available. 13.1 Waste Disposal Method: Dispose in accordance with local, state, and federal regulations. 13.1 Waste Disposal Method: Dispose in accordance with local, state, and federal regulations. 14.1 LAND TRANSPORT (US DOT): DOT Proper Shipping Name: Ethyl Alcohol Solution DOT Hazard Class: 3 FLAMMABLE LIQUID UN/NA Number: II 14.1 LAND TRANSPORT (European ADR/RID): ADR/RID Shipping Name: Ethyl Alcohol Solution UN Number: II | 04 | C-11- | | _ | | | | | A4 | 11.ä. |
| Runoff from fire control or dilution water may cause pollution. 12.2 Persistence and No data available. Degradability: 12.3 Bioaccumulative No data available. Potential: 12.4 Mobility in Soil: No data available. 12.5 Results of PBT and vPvB No data available. assessment: 12.6 Other adverse effects: No data available. assessment: 12.6 Other adverse effects: No data available. 13.1 Waste Disposal Method: Dispose in accordance with local, state, and federal regulations. 13.1 Waste Disposal Method: Dispose in accordance with local, state, and federal regulations. 14.1 LAND TRANSPORT (US DOT): DOT Proper Shipping Name: Ethyl Alcohol Solution DOT Hazard Class: 3 FLAMMABLE LIQUID UN/NA Number: UN 1170 Packing Group: II 14.1 LAND TRANSPORT (European ADR/RID): ADR/RID Shipping Name: Ethyl Alcohol Solution UN/NA Number: 1170 Packing Group: II | | | | Section | on 12. Ecologi | cal Infor | mati | on | | |
| 12.2 Persistence and Degradability: No data available. Degradability: Image: Section 13. Disposal Considerations 12.4 Mobility in Soil: No data available. 12.5 Results of PBT and vPvB No data available. assessment: Image: Section 13. Disposal Considerations 12.6 Other adverse effects: No data available. 13.1 Waste Disposal Method: Dispose in accordance with local, state, and federal regulations. 13.1 Waste Disposal Method: Dispose in accordance with local, state, and federal regulations. 14.1 LAND TRANSPORT (US DOT): Image: Section 14. Transport Information 14.1 LAND TRANSPORT (US DOT): Image: Section Sectio | 12.1 | Toxicity | : | Avoid release | into the environment | | | | | |
| Degradability: No data available. Potential: | | | | Runoff from f | re control or dilution v | water may ca | ause po | llution. | | |
| 12.3 Bioaccumulative No data available. Potential: | 12.2 | Persiste | ence and | No data avail | able. | | | | | |
| Potential: No data available. 12.5 Results of PBT and vPvB No data available. assessment: 12.6 Other adverse effects: No data available. 12.6 Other adverse effects: No data available. Section 13. Disposal Considerations 13.1 Waste Disposal Method: Dispose in accordance with local, state, and federal regulations. Section 14. Transport Information 14.1 LAND TRANSPORT (US DOT): DOT Proper Shipping Name: Ethyl Alcohol Solution DOT Hazard Class: 3 FLAMMABLE LIQUID UN/NA Number: UN1170 Packing Group: II ABR/RID Shipping Name: Ethyl Alcohol Solution UN/NA Number: Ethyl Alcohol Solution II UN Number: Ethyl Alcohol Solution | | Degrada | ability: | | | | | | | |
| 12.5 Results of PBT and vPvB No data available. assessment: 12.6 Other adverse effects: No data available. Section 13. Disposal Considerations 13.1 Waste Disposal Method: Dispose in accordance with local, state, and federal regulations. Section 14. Transport Information 14.1 LAND TRANSPORT (US DOT): DOT Proper Shipping Name: Ethyl Alcohol Solution DOT Hazard Class: 3 FLAMMABLE LIQUID UN/NA Number: UN1170 Packing Group: II ADR/RID Shipping Name: Ethyl Alcohol Solution II UN/NA Number: UN/INA Number: UN1170 Packing Group: II | 12.3 | | | No data available. | | | | | | |
| assessment: 12.6 Other adverse effects: No data available. 12.6 Other adverse effects: No data available. 12.6 Other adverse effects: No data available. 12.6 Other adverse effects: No data available. 13.1 Waste Disposal Method: Dispose in accordance with local, state, and federal regulations. 13.1 Waste Disposal Method: Dispose in accordance with local, state, and federal regulations. 13.1 Waste Disposal Method: Dispose in accordance with local, state, and federal regulations. 13.1 Vaste Disposal Method: Dispose in accordance with local, state, and federal regulations. 13.1 Vaste Disposal Method: Dispose in accordance with local, state, and federal regulations. 14.1 LAND TRANSPORT (US DOT): DOT Proper Shipping Name: Ethyl Alcohol Solution 14.1 LAND TRANSPORT (European ADR/RID): ADR/RID Shipping Name: Ethyl Alcohol Solution UN Number: 1170 Packing Group: II | 12.4 | Mobility | in Soil: | No data available. | | | | | | |
| Section 13. Disposal Considerations Section 13. Disposal Considerations Section 14. Transport Information Marking Group: DOT Proper Shipping Name: Ethyl Alcohol Solution DOT Hazard Class: 3 FLAMMABLE LIQUID UN/NA Number: UN 1170 Packing Group: II ADR/RID Shipping Name: Ethyl Alcohol Solution UN/NA Number: UN 1170 Packing Group: II Marking Group: II | 12.5 | | | 3 No data available. | | | | | | |
| 13.1 Waste Disposal Method: Dispose in accordance with local, state, and federal regulations. Section 14. Transport Information 14.1 LAND TRANSPORT (US DOT): DOT Proper Shipping Name: Ethyl Alcohol Solution DOT Hazard Class: 3 FLAMMABLE LIQUID UN/NA Number: UN1170 Packing Group: II ADR/RID Shipping Name: Ethyl Alcohol Solution UN/NA Number: UN1170 Packing Group: II UN/NA Number: UN/NA Number: UN1170 Packing Group: II UN/NA Number: UN/NA Number: II UN/NA Number: II II | 12.6 | Other a | dverse effects: | No data avail | able. | | | | | |
| Section 14. Transport Information 14.1 LAND TRANSPORT (US DOT): DOT Proper Shipping Name: Ethyl Alcohol Solution DOT Hazard Class: 3 FLAMMABLE LIQUID UN/NA Number: UN1170 Packing Group: II II ADR/RID Shipping Name: Ethyl Alcohol Solution UN Number: 1170 Packing Group: II | | | | Sectio | n 13. Disposa | l Consid | eratio | ons | | |
| 14.1 LAND TRANSPORT (US DOT): DOT Proper Shipping Name: Ethyl Alcohol Solution DOT Hazard Class: 3 FLAMMABLE LIQUID UN/NA Number: UN1170 Packing Group: II II ADR/RID Shipping Name: Ethyl Alcohol Solution UN number: 1170 Packing Group: II | 13.1 | Waste D | Disposal Method: | Dispose in ac | cordance with local, s | state, and fee | deral re | gulations. | | |
| DOT Proper Shipping Name:Ethyl Alcohol SolutionDOT Hazard Class:3FLAMMABLE LIQUIDUN/NA Number:UN1170Packing Group:IIIIALAND TRANSPORT (Europe: ADR/RID):ADR/RID Shipping Name:Ethyl Alcohol SolutionUN Number:1170Packing Group:II | | | | Secti | on 14. Transp | ort Infor | mati | on | | |
| DOT Hazard Class: 3 FLAMMABLE LIQUID UN/NA Number: UN1170 Packing Group: II III IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII | 14.1 | LAND T | RANSPORT (US D | DOT): | | | | | | |
| UN/NA Number:UN170Packing Group:II I I I I I I I I I I I I I I I I I I | D | OT Prope | r Shipping Name: | Ethyl Alc | phol Solution | | | | | |
| 14.1 LAND TRANSPORT (European ADR/RID): ADR/RID Shipping Name: Ethyl Alcohol Solution UN Number: 1170 Packing Group: II | D | DOT Hazard Class: | | 3 | FLAMMABLE | LIQUID | | | | |
| 3 14.1 LAND TRANSPORT (European ADR/RID): ADR/RID Shipping Name: Ethyl Alcohol Solution UN Number: 1170 Packing Group: II | U | N/NA Nun | nber: | UN1170 | | Packing | l Group |): | II | |
| UN Number: 1170 Packing Group: II | | | - | opean ADR/RI | D): | | | | | |
| | | | | - | ohol Solution | - | _ | | | |
| Hazard Class: 3 - FLAMMABLE LIQUID | - | | | - | | Packing | l Group |): | II | |
| | Ha | azard Cla | SS: | 3 - FLAN | IMABLE LIQUID | | | | | |



| 14.3 AIR TRA | NSPORT (ICAO/I | ATA): | | | | | |
|-------------------------------|------------------------------|--|--|----------------------|---------------------------|--|--|
| ICAO/IATA | Shipping Name: | Ethyl Alcohol Solution | | | | | |
| UN Number: | | 1170 | Packing Group: | | II | | |
| Hazard Clas | ss: | 3 - FLAMMABLE LIQUID | IATA Classifi | cation: | 3 | | |
| Additional Tran | isport | Transport in accordance with lo | cal, state, and federa | I regulations. | | | |
| Information: | - | When sold in quantities of less t | han or equal to 1 mL | ., or 1 g, with an E | Excepted Quantity Code of | | |
| | | E1, E2, E4, or E5, this item mee | ets the De Minimis Q | uantities exemption | on, per IATA 2.6.10. | | |
| | | Therefore packaging does not h | ave to be labeled as | Dangerous Good | ls/Excepted Quantity. | | |
| | | Section 15. Regul | atory Informa | tion | | | |
| EPA SARA (Su | perfund Amendm | nents and Reauthorization Act of | of 1986) Lists | | | | |
| CAS # | Hazardous Com | ponents (Chemical Name) | S. 302 (EHS) | S. 304 RQ | S. 313 (TRI) | | |
| NA | (±)14(15)-EET-d ² | 11 methyl ester | No | No | No | | |
| 64-17-5 | Ethyl alcohol | | No | No | No | | |
| CAS # | Hazardous Com | ponents (Chemical Name) | Other US EPA or | · State Lists | | | |
| NA | (±)14(15)-EET-d1 | | | | No; TSCA: No; CA | | |
| 64-17-5 | Ethyl alcohol | | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No | | | | |
| Regulatory Info Statement: | rmation | This SDS was prepared in accordance with 29 CFR 1910.1200 and Regulation (EC) No.1272/2008. | | | | | |
| | | Section 16. Oth | er Informatio | n | | | |
| Revision Date: | | 11/04/2019 | | | | | |
| Additional Infor | mation About | No data available. | | | | | |
| This Product: | | | | | | | |
| Company Policy or Disclaimer: | | DISCLAIMER: This information is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, 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. | | | | | |
| | | | | | | | |

Multi-region format