

Revision: 04/10/2018 Supersedes Revision: 01/26/2015

		TODO TO REPORTION LEL LINO (1907/2006 as amended by 1						
		rding to Regulation (EC) No. 1907/2006 as amended by						
		dentification of the Substance/Mixture and of the	ne Company/Undertaking					
.1	Product Code:	60920						
	Product Name:	Hexadecyl Acetyl Glycerol						
	Synonyms:	1-O-hexadecyl-2-O-acetyl-sn-glycerol; HAG;						
.2	Relevant identified uses of	the substance or mixture and uses advised ag	ainst:					
	Relevant identified uses:	For research use only, not for human or vetering	nary use.					
.3	Details of the Supplier of the	ne Safety Data Sheet:						
	Company Name:	Cayman Chemical Company						
		1180 E. Ellsworth Rd.						
		Ann Arbor, MI 48108						
	Web site address:	www.caymanchem.com	4 (704)074 0005					
	Information:	Cayman Chemical Company	+1 (734)971-3335					
.4	Emergency telephone num							
	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 Substa	ance or Mixture:						
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	Flammable Liquids, Category 2							
	-							
	Acute Toxicity: Inhalation	n, Category 4						
	Acute Toxicity: Inhalation Acute Toxicity: Oral, Cate	n, Category 4 egory 4						
	Acute Toxicity: Inhalation Acute Toxicity: Oral, Cate Acute Toxicity: Skin, Cate	n, Category 4 egory 4 egory 4						
	Acute Toxicity: Inhalation Acute Toxicity: Oral, Cate Acute Toxicity: Skin, Cate Serious Eye Damage/Eye	n, Category 4 egory 4 egory 4						
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2.2	Acute Toxicity: Inhalation Acute Toxicity: Oral, Cate Acute Toxicity: Skin, Cate Serious Eye Damage/Eye	n, Category 4 egory 4 egory 4						
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.2	Acute Toxicity: Inhalation Acute Toxicity: Oral, Cate Acute Toxicity: Skin, Cate Serious Eye Damage/Eye Label Elements:	n, Category 4 egory 4 egory 4 e Irritation, Category 2 <b>Danger</b> yuid and vapor.						
.2	Acute Toxicity: Inhalation Acute Toxicity: Oral, Cate Acute Toxicity: Skin, Cate Serious Eye Damage/Eye Label Elements: GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable liq H302: Harmful if swallowed	n, Category 4 egory 4 egory 4 e Irritation, Category 2 <b>Danger</b> Juid and vapor.						
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2	Acute Toxicity: Inhalation Acute Toxicity: Oral, Cate Acute Toxicity: Skin, Cate Serious Eye Damage/Eye Label Elements: GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable liq H302: Harmful if swallowed H312: Harmful if swallowed H319: Causes serious eye H332: Harmful if inhaled. GHS Precaution Phrases P210: Keep away from {he P261: Avoid breathing {dus P264: Wash {hands} thorou P280: Wear {protective glo GHS Response Phrases: P337+313: If eye irritation [ P301+312: IF SWALLOWE P302+352: IF ON SKIN: W	h, Category 4 egory 4 egory 4 e Irritation, Category 2 Danger Juid and vapor. d. //th skin. irritation. : at/sparks/open flames/hot surfaces} No smoking st/fume/gas/mist/vapours/spray}. ughly after handling. ves/protective clothing/eye protection/face protecti persists, get medical advice/attention. ED: P312: Call a POISON CENTER or doctor/physi	on}. ician if you feel unwell.					



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P304-301 FEINHALED: Remove volum to fresh air and keep at rest in a postion controble for breating.         P304-301 FEINHALED: Remove uclim to fresh air and keep at rest in a postion controble for breating.         P31: Specific treatment (see on this label).         P33: Rinse mouth.         P32: Specific treatment (see on this label).         P33: Rinse mouth.         P33: Strage mouth.         P32: Specific treatment (see on this label).         P33: Strage mouth.         P33: Strage mouth.         Pass strage and Disposel Phrases:         Plesse ter to Section 7 for Storage and Section 13 for Disposal information.         2.3 Adverse Human Health.       Can cause serious eye imitation.         May be fast if availowed, inhaled, or absorbed through the skin.         May be fast if availowed, inhaled, or absorbed through the skin.         May be fast if availowed, inhaled, or absorbed through the skin.         May be fast if availowed, inhaled, or absorbed through the skin.         May be fast if availowed, inhaled, or absorbed through the skin.         May be fast if availowed, inhaled, or absorbed through the skin.         May be fast if availowed, inhaled, or absorbed through the skin.         May be fast if availowed, inhaled, or absorbed through the skin.         May be fast if availowed, inhaled, or absorbed through the skin.         May be fast if availowed, inhaled, or absorbed through th	Cay	man				:	Revision: 04/10/2018 Supersedes Revision: 01/26/2015				
<ul> <li>to do: Continue rinsing, P321: Specific treatment (see on this label);. P330: Rinse mouth.</li> <li>P382-384: Take off contaminated dothing and wash it before reuse.</li> <li><b>GHS Storage and Disposal Phrases:</b> Please refer to Section 7 for Storage and Section 13 for Disposal information.</li> <li><b>2.3</b> Adverse Human Health Can cause fatal cyanide poisoning.</li> <li>Effects and Symptoms: Causes serious weig infration. Material may be infraining to the mucous membranes and upper respiratory tract. May be fatal if evallowed, inhaled, or absorbed through the skin. Material may be infraining to the mucous membranes and upper respiratory tract. May be fatal if evallowed, inhaled, or absorbed through the skin. May cause skin or respiratory system infration. Several hours may elapse from oxposure to one of symptoms. To the best of our knowledge, the toxicological properties have not been thoroughly investigated.</li> <li><b>Section 3.</b> Composition/Information on Ingredients</li> <li><b>CAS # /</b> <u>Hazardous Components (Chemical Name)/</u> <u>oncentration</u> <u>EC Index No.</u> <u>No data available.</u> NA</li> <li><b>Pace-Rel Registration No.</b></li> <li><b>Pace Chine Section 4.</b> First Aid Measures</li> <li><b>A</b> Acetonitrile</li> <li><b>Section 4.</b> First Aid Measures</li> <li><b>A</b> Acetonitrile</li> <li><b>Section 5.</b> Composing on physic science reuse. Get immediate medical attention. In Case of Inhalator: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate attention. In Case of Skin Context: Hold oyeids apart and flush oyes with pleny of water for at lass 15 minutes. Henve extended by medical attention.</li> <li>In Case of Skin Context: Hold oyeids apart and flush oyes with pleny of water for at lass 15 minutes. Have eyes examined and tested by medical attention. Is work out mouth with water provided persons is conscious. Never give anything by mouth to an unconscious person. Get medical attention. Is conscious. Never give anything by mouth to an unconscious person. Get med</li></ul>		P304-	+340: IF INHALED:	Remove victim to fresh air and	l keep at rest in a po						
<ul> <li>P321: Specific treatment (see on this label).</li> <li>P332: All Take off contaminated dicthing and wash it before reuse.</li> <li>P382: Ask off contaminated dicthing and wash it before reuse.</li> <li>P382: Ask off contaminated dicthing and wash it before reuse.</li> <li>P482: Ask off contaminated dicthing and wash it before reuse.</li> <li>P482: Ask off contaminated dicthing and wash it before reuse.</li> <li>P482: Ask off contaminated dicthing and wash it before reuse.</li> <li>P482: Ask off contaminated dicthing and wash it before reuse.</li> <li>P482: Ask off contaminated dicthing and wash it before reuse.</li> <li>P482: Ask off contaminated dicthing and wash it before reuse.</li> <li>P482: Ask off contaminated dicthing and wash it before reuse.</li> <li>P482: Ask off contaminated dicthing and wash it before reuse.</li> <li>P482: Ask off contaminated dicthing and wash it before reuse.</li> <li>P482: Ask off contaminated dicthing and wash it before reuse.</li> <li>P482: Ask off contaminated dicthing and wash it before reuse.</li> <li>P482: Ask off contaminated dicthing and wash it before reuse.</li> <li>P482: P482: P4</li></ul>		P305-	+351+338: IF IN EY	ES: Rinse cautiously with wate	er for several minutes	s. Remove contac	ct lenses, if present and easy				
<ul> <li>P330; Rinse mouth.</li> <li>P322-384: Take off contaminated clothing and wash it before reuse.</li> <li>CHS Storage and Disposal Phrases:</li> <li>Please rater to Section 7 for Storage and Section 13 for Disposal information.</li> <li>Can cause failal cyanide polacioning.</li> <li>Effects and Symptoms: Causes serious and event through the skin.</li> <li>Causes serious and series in the series of through the skin.</li> <li>Causes serious and thread through the skin.</li> <li>Material may be fraital if availowed, inhaled, or absorbed through the skin.</li> <li>May cause skin or respiratory system inflation.</li> <li>Several hours may ledgase from exposure to onset of symptoms.</li> <li>To the best of our knowledge, the toxicological properties have not been thoroughly investigated.</li> </ul> CAS # / Hazardous Components (Chemical Name)/ Concentration EC Not/ EC Indox No. CAS # / REACH Registration No. Section 4. First Aid Measures Acute Tox.(I) 4: H332 Section 4. First Aid Measures: <ul> <li>In Case of Inhalation: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Clothing. Get medical personnel. Case of Skin Contract: Hond cyanida provided person is concious. Never give anything by mouth to an unconsclous person. Get medical personnel. In Case of Skin Contract: Hold evelids apart and tuth eyes with plenty of water for at least 15 minutes. Have eyes examined and tested by medical personnel. In Case of Instalation: Wash out mouth with water provided person is concious. Never give anything by mouth to an unconsclous person. Get medical partson develop develop and tested by model personia. In Case of Instalation: Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical personal. In Case of Instalation in develop shoring. Avays share on hand a counder first akk (to, opther with proper instructions. The orest of symptoms</li></ul>		to do.									
P362+364: Take off contaminated clothing and wash it before reuse. CHS Storage and Disposal Phrases: Please refer to Section 7 for Storage and Section 13 for Disposal information. 2.3 Adverse Human Health Can cause fatal cyanide poisoning. Effects and Symptoms: Causes serious eye irritation. Harmful if swallowed, inhaled, or absorbed through the skin. Material may be irritating to the mucous membranes and upper respiratory tract. May be fatal if swallowed, inhaled, or absorbed through the skin. May cause skin or respiratory system irritation. Several hours may elapse from exposure to onset of symptoms. To the best of our knowledge, the toxicological properties have not been thoroughly investigated. <b>Section 3. Composition/Information on Ingredients</b> <b>CAS # / Hazardous Components (Chemical Name)/ Concentration EC No/ MA No data available.</b> NA 77:05-8 Azeronitrile <u>95.0 % NA No data available.</u> NA 75:05-8 Azeronitrile <u>95.0 % 200-83-2</u> Flem.Lic.2: H225 Acute Tox.(1) 4: H312 Eye Damage 2: H319 Acute Tox.(1) 4: H312 Eye Da		P321:	: Specific treatment	{see on this label}.							
His Storage and Disposal Phrases:         Please refer to Section 7 for Storage and Section 13 for Disposal information.         23       Advances Human Healt:         Can cause failed cyanide poisoning.         Effects and Symptom:       Causes serious eye iritation.         Harmful If swallowed, inhaled, or absorbed through the skin.         Material may be iritating to the mucous membranes and upper respiratory tract.         May cause skin or respiratory system iritation.         Several hours may elapse from exposure to conset of symptoms.         To the best of our knowledge, the toxicological properties have not been thoroughly investigated.         CAS #/       Hazardous Components (Chemical Name)/         Concentration       EC Net/       GK Science         71733-35-8       Hexadocy/Actyl Gycerol       5.0 %       NA       No data available.         NA       No data available.       NA       No data available.       NA         NA       Beschion 16, First Aid Measures:       Interce # RACH Registration No.       5.0 %       NA       No data available.         NA       No data available.       NA       No data available.       NA       No data available.         NA       In Case of Inhalation:       Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel.       Ed immediate medical attentio		P330:	: Rinse mouth.								
Please refer to Section 7 for Storage and Section 13 for Disposal information.         2.3 Adverse Human Heatti       Can cause fatal cyanide poisoning.         Effects and Symptoms:       Causes setion goes we infraintion.         Harmful if swallowed, inhaled, or absorbed through the skin.       Material may be infraintig to the mucous membranes and upper respiratory tract.         May be fatal if wallowed, inhaled, or absorbed through the skin.       May be fatal if wallowed, inhaled, or absorbed through the skin.         May be fatal if wallowed, inhaled, or absorbed through the skin.       May be fatal if wallowed, inhaled, or absorbed through the skin.         May be fatal if wallowed, inhaled, or absorbed through the skin.       May be fatal if wallowed, inhaled, or absorbed through the skin.         May be fatal if wallowed, inhaled, or absorbed through the skin.       May be fatal if wallowed, inhaled, or absorbed symptoms.         To the best of our knowledge, the toxicological properties have not been thoroughly investigated.       Ection 0.         CAS # / Hazardous Components (Chemical Name)/       Concentration       EC No/         RTEGS #       Hazardous Components (Chemical Name)/       Concentration       EC No/         Attract Value Components (Chemical Name)/       Concentration       EC No/       Attract Value Com (O + H32         Attract Value Components (Chemical Name)/       Solowano       Solowano       Flam. Liq. 2: H225         Attract Value Value Value Va		P362-	+364: Take off conta	aminated clothing and wash it t	pefore reuse.						
Please refer to Section 7 for Storage and Section 13 for Disposal information.         2.3 Adverse Human Heatti       Can cause fatal cyanide poisoning.         Effects and Symptoms:       Causes setion goes we infraintion.         Harmful if swallowed, inhaled, or absorbed through the skin.       Material may be infraintig to the mucous membranes and upper respiratory tract.         May be fatal if wallowed, inhaled, or absorbed through the skin.       May be fatal if wallowed, inhaled, or absorbed through the skin.         May be fatal if wallowed, inhaled, or absorbed through the skin.       May be fatal if wallowed, inhaled, or absorbed through the skin.         May be fatal if wallowed, inhaled, or absorbed through the skin.       May be fatal if wallowed, inhaled, or absorbed through the skin.         May be fatal if wallowed, inhaled, or absorbed through the skin.       May be fatal if wallowed, inhaled, or absorbed symptoms.         To the best of our knowledge, the toxicological properties have not been thoroughly investigated.       Ection 0.         CAS # / Hazardous Components (Chemical Name)/       Concentration       EC No/         RTEGS #       Hazardous Components (Chemical Name)/       Concentration       EC No/         Attract Value Components (Chemical Name)/       Concentration       EC No/       Attract Value Com (O + H32         Attract Value Components (Chemical Name)/       Solowano       Solowano       Flam. Liq. 2: H225         Attract Value Value Value Va				-							
<ul> <li>2.3 Adverse Human Health Can cause fatal cyanide poisoning.</li> <li>Effects and Symptoms Causes serious ope irritation.</li> <li>Harmfull swallowed, inhaled, or absorbed through the skin.</li> <li>Material may be fatal if swallowed, inhaled, or absorbed through the skin.</li> <li>May cause skin or respiratory system irritatio.</li> <li>Several hours may elapse from exposure to onset of symptoms.</li> <li>To the best of our knowledge, the toxicological properties have not been thoroughly investigated.</li> <li>CAS # / Hazardous Components (Chemical Name)/</li> <li>Concentration on Ingrectients</li> <li>REACH Registration No.</li> <li>REACH Registration No.</li> <li>Acatomitrile</li> <li>95.0 %</li> <li>NA</li> <li>No data available.</li> <li>75:06-8</li> <li>Acatomitrile</li> <li>95.0 %</li> <li>Reaction 2.</li> <li>Section 4. First Aid Measures</li> <li>Acute Tox.(1) 4: H332</li> <li>Eye Damage 2: H319</li> <li>Acute Tox.(1) 4: H332</li> <li>Eye Damage 2: H319</li></ul>					Disposal information	n.					
Effects and Symptoms:       Causes serious eye initiation.         Harmful if swallowed, inhaled, or absorbed through the skin.       Material may be initiating to the mucous membranes and upper respiratory tract.         May be fatal if swallowed, inhaled, or absorbed through the skin.       May cause skin or respiratory system initiation.         Several hours may elapse from exposure to onset of symptoms.       To the best of our knowledge, the toxicological properties have not been thoroughly investigated.         CAS # /       Hazardous Components (Chemical Namey/ REACH Registration No.       Concentration       EC No/ EC Index No.       GHS Classification         77133-35-8       Hexadecyl Acetyl Glycerol       5.0 %       NA       No data available.         NA       No data available.       NA       No data available.         NA       Section 4. First Aid Measures:       GB-001-00-3       Acute Tox.(D) 4: H302 Acute Tox.(D) 4: H312 Eye Damaga 2: H319 Acute Tox.(D) 4: H312         Measures:       In Case of Inhalation:       Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention if symptoms occur. Wash clothing before reuse.         In Case of Skin Contact:       Honderidal attention. Do NOT induce vaniting unduess directed to do so by medical personnel.         In Case of Symptoms and Exposure may cause: asphysia, cyanosis, depression, diarrhea, dizzness, drowintes, discretement.         4.1       Description of First A	2.3			-	-						
Hamful if swallowed, inhaled, or absorbed through the skin.         May be frait if swallowed, inhaled, or absorbed through the skin.         May be frait if swallowed, inhaled, or absorbed through the skin.         May be frait if swallowed, inhaled, or absorbed through the skin.         Several hours may elapse from exposure to onset of symptoms.         To the best of our knowledge, the toxicological properties have not been thoroughly investigated.         Section 3. Composition/Information on Ingredients         TRECs #       Hazardous Components (Chemical Namey)         Concentration       EC No/ ED Index No.         T71333-8       Hexadecyl Acetyl Glycerol         5.0 %       NA         No       Octate available.         NA       No data available.         77:05-88       Acetonitrile         Section 4. First Aid Measures         Messures:       In Case of Inhalation:         Renove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get medical attention:         In Case of Skin Contact:       Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Remove contaminated cathing, Get medical attention if symptoms occur. Wash clothing before reuse.         In Case of Ingestion:       Wash out mouth with water apart and flush eyes with plenty of water for at least 15 minutes. Have eyes examined and tested by medical peresonnel.         In					-						
Material may be irritating to the mucous membranes and upper respiratory tract.         May cause skin or respiratory system irritation.         Several hours may elapse from exposure to onset of symptoms.         To the best of our knowledge, the toxicological properties have not been thoroughly investigated.         CAS #/       Heazdrous Components (Chemical Name)/       Concentration       EC No/       EC Closification         T7133-36-8       Heazdrey/ Accept Giycerol       5.0 %       NA       No data available.         NA       Section 4.       First Aid Measures:       Gold-Old-Size Size Size Size Size Size Size Size				-		ah the skin.					
May be fatal if swallowed, inhaled, or absorbed through the skin.         May cause skin or respiratory system initiation.         Several hours may elapse from exposure to onset of symptoms.         To the best of our knowledge, the toxicological properties have not been thoroughly investigated.         CAS # / REECH Registration No.         T7133-35-8         Hexadecyl Acetyl Glycerol         NA         75:05-8         Acetonitrile         95:0 %         068-001-003         Acetonitrile         95:0 %         069-001-003         Acetoritrile         95:0 %         069-001-003         Acetoritrile         95:0 %         069-01-003         Acete Tox.(1) 4: H332         Eye Damage 2: H319         Acute Tox.(1) 4: H332         Eye Contact:         In Case of Inhalation:         Remove to fresh					-	-	spiratory tract.				
May cause skin or respiratory system irritation.         Several hours may elapse from exposure to onset of symptoms.         To the best of our knowledge, the toxicological properties have not been thoroughly investigated.         Section 3. Composition/Information on Ingredients         Composition/Information         Composition/Information         Composition/Information         Composition/Information <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>											
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To the best of our knowledge, the toxicological properties have not been thoroughly investigated.         Section 3. Composition/Information on Ingredients         CAS # / NECS #       Hazardous Components (Chemical Name)/ EC Index No.       Concentration       EC No / EC Index No.       GHS Classification         77133-8-8       Hexadecyl Acetyl Glycerol       5.0 %       NA       No data available.         NA       No       Acetonitrile       95.0 %       200-835-2 608-001-00-3       Flam. Liq. 2: H225 608-001-00-3         AL7700000       Acetonitrile       95.0 %       200-835-2 608-001-00-3       Flam. Liq. 2: H225 Acute Tox.(I) 4: H332         Section 4. First Aid Measures         10       Description of First Aid Measures:       In Case of Inhalation:       Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.         In Case of Skin Contact:       Immediately wash skin with soap and plenty of water for at least 15 minutes. Remove contaminated Cothing. Get medical attention if symptoms occur. Wash cothing before reuse.         In Case of Ipgestion:       Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious personnel.         In Case of Ingestion:       Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious personnel.         4.2       Important Symptoms and Exposure may					-	t of symptoms					
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CAS #/ RTECS #         Hazardous Components (Chemical Namey/ REACH Registration No.         Concentration         EC No/ EC Index No.         GHS Classification           77133-36-8 NA         Hexadecyl Acatyl Glycerol         5.0 %         NA         No data available.           78-05-8 AL7700000         Hexadecyl Acatyl Glycerol         5.0 %         NA         No data available.           78-05-8 AL7700000         Acetonitrile         95.0 %         200-835-2 608-001-00-3         Flam. Liq. 2: H225 Acute Tox.(I) 4: H312 Eye Damage 2: H319 Acute Tox.(I) 4: H332           Section 4. First Aid Measures           4.1         Description of First Aid Measures: In Case of Inhalation: Get immediate medical attention.         Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.           In Case of Skin Contact:         Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Have eyes examined and tested by medical personnel.           In Case 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.           In Portant Symptoms and Exposure may cause: asphykia, cyanosis, depression, diarrhea, dizziness, drowsiness, excimenent, Effects, Both Acute and Delayed:         Treat as cyanide poisoning. Always have on hand a cyanide first-aid kit, together with proper instructions. The onset of symptoms is generally delayed pend	-					-					
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77133-35-8       Hexadecyl Acetyl Glycerol       5.0 %       NA       NA       No data available.         75-05-8       Acetonitrile       95.0 %       200-835-2       Flam. Liq. 2: H225         608-001-00-3       Acute Tox.(D) 4: H302       Acute Tox.(D) 4: H312       Eye Damage 2: H319         Acute Tox.(I) 4: H332       Section 4. First Aid Measures       Acute Tox.(I) 4: H332         In Case of Inhalation:         Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.         In Case of Skin Contact:       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.         In Case of Eye Contact:       Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Have eyes examined and tested by medical personnel.         In Case 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.         4.2       Important Symptoms and Exposure may cause: asphyxia, cyanosis, depression, diarrhea, dizziness, drowsiness, excitement, Effects, Both Acute and headache, impaired judgement, lack of coordination, nausea, rash, vomiting, stupor, death.         Delayed:       Treat as cyanide poisoning. Always have on hand a cyanide first-aid kit, together with proper instru	CAS	#/	Hazardous Com	oonents (Chemical Name)/	Concentration	EC No./	GHS Classification				
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AL7700000       608-001-00-3       Acute Tox.(D) 4: H302         Acute Tox.(D) 4: H312       Eye Damage 2: H319         Acute Tox.(D) 4: H332       Acute Tox.(D) 4: H332         Section 4. First Aid Measures         In Case of Inhalation:         Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.         In Case of Skin Contact:       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.         In Case of Eye Contact:       Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Have eyes examined and tested by medical personnel.         In Case 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.         4.2       Important Symptoms and Exposure may cause: asphyxia, cyanosis, depression, diarrhea, dizziness, drowsiness, excitement, Effects, Both Acute and beadache, impaired judgement, lack of coordination, nausea, rash, vomiting, stupor, death.         Delayed:       Treat as cyanide poisoning. Always have on hand a cyanide first-aid kit, together with proper instructions. The onset of symptoms is generally delayed pending conversion to cyanide.         Note for the Doctor:       Acetonitrile is metabolized to cyanide. Patients with significant exposures must be observed for sign	NA					NA					
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<b>Note for the Doctor:</b> Acetonitrile is metabolized to cyanide. Patients with significant exposures must be observed for signs of cyanide poisoning and treated accordingly.	Delaye		ed: Treat as cyanide poisoning. A								
signs of cyanide poisoning and treated accordingly.			instructions. The onset of sy		mptoms is generally delayed pending conversion to cyanide.						
		Note fo	or the Doctor:	e Doctor: Acetonitrile is metabolized to cyanide. Patients with significant exposures must be obse							
Multi-region forma											
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Multi-ragion forms											
							Multi-region forma				



	Revision:	04/10/2018
Supersedes	Revision:	01/26/2015

		Section 5. Fire					
5.1	Suitable Extinguishing	Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray.					
	Media:	Use water spray to cool fire-	-exposed containers.				
	Unsuitable Extinguishing	A solid water stream may be	e inefficient.				
	Media:						
.2	Flammable Properties and Can release vapors that form explosive mixtures at temperatures at or above the flashpoint.						
	Hazards:	Container explosion may oc	ner explosion may occur under fire conditions.				
		Emits toxic fumes under fire	conditions.				
		Sensitive to static discharge	sitive to static discharge.				
		Vapors can travel to a source	ce of ignition and flash back.				
		No data available.					
	Flash Pt:	2.00 C Method Used: Clo	osed Cup				
	Explosive Limits:	LEL: 3.0% at 25.0 C	C UEL: 16.0% at 25.0 C				
	Autoignition Pt:	524.00 C					
5.3	-		tained breathing apparatus pressure-demand (I	NIOSH approved or			
	The Fighting manuactions	•	ve gear to prevent contact with skin and eyes.				
		Note: Flammable as diluted					
		Section 6 Accide	ntal Release Measures				
.1	Protective Precautions,	•	l provide adequate ventilation.				
	Protective Equipment and	As conditions warrant, wear	r a NILLISH approved celt-contained breathing a	pparatus, or respirator			
			r a NIOSH approved self-contained breathing a				
	Emergency Procedures:	and appropriate personal p	rotection (rubber boots, safety goggles, and hea				
5.2		and appropriate personal p					
6.2	Emergency Procedures:	and appropriate personal p	rotection (rubber boots, safety goggles, and hea				
	Emergency Procedures: Environmental Precautions: Methods and Material For	and appropriate personal p Take steps to avoid release Contain spill and collect, as	rotection (rubber boots, safety goggles, and hea e into the environment, if safe to do so. e appropriate.	avy rubber gloves).			
	Emergency Procedures: Environmental Precautions: Methods and Material For	and appropriate personal p Take steps to avoid release Contain spill and collect, as	rotection (rubber boots, safety goggles, and hea e into the environment, if safe to do so.	avy rubber gloves).			
	Emergency Procedures: Environmental Precautions: Methods and Material For	and appropriate personal p Take steps to avoid release Contain spill and collect, as	rotection (rubber boots, safety goggles, and hea e into the environment, if safe to do so. e appropriate.	avy rubber gloves).			
	Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin	and appropriate personal p Take steps to avoid release Contain spill and collect, as gTransfer to a chemical was	rotection (rubber boots, safety goggles, and hea e into the environment, if safe to do so. e appropriate. te container for disposal in accordance with loca	avy rubber gloves).			
5.3	Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up:	and appropriate personal per Take steps to avoid release • Contain spill and collect, as gTransfer to a chemical was Section 7. Ha	rotection (rubber boots, safety goggles, and hea e into the environment, if safe to do so. e appropriate. te container for disposal in accordance with loca ndling and Storage	avy rubber gloves).			
5.3	Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken	and appropriate personal per Take steps to avoid release Contain spill and collect, as gTransfer to a chemical was Section 7. Ha Avoid breathing dust/fume/g	rotection (rubber boots, safety goggles, and hea e into the environment, if safe to do so. e appropriate. te container for disposal in accordance with loca ndling and Storage gas/mist/vapours/spray.	avy rubber gloves).			
5.3	Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up:	and appropriate personal per Take steps to avoid release Contain spill and collect, as gTransfer to a chemical was Section 7. Ha Avoid breathing dust/fume/g Avoid prolonged or repeated	rotection (rubber boots, safety goggles, and hea e into the environment, if safe to do so. e appropriate. te container for disposal in accordance with loca ndling and Storage gas/mist/vapours/spray. d exposure.	avy rubber gloves).			
5.3	Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken	and appropriate personal per Take steps to avoid release Contain spill and collect, as gTransfer to a chemical was <u>Section 7. Ha</u> Avoid breathing dust/fume/g Avoid prolonged or repeated Keep away from sources of	rotection (rubber boots, safety goggles, and hea e into the environment, if safe to do so. appropriate. te container for disposal in accordance with loca ndling and Storage gas/mist/vapours/spray. d exposure. ignition.	avy rubber gloves).			
7.1	Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling:	and appropriate personal per Take steps to avoid release Contain spill and collect, as gTransfer to a chemical wast <b>Section 7. Ha</b> Avoid breathing dust/fume/g Avoid prolonged or repeated Keep away from sources of Take precautionary measure	rotection (rubber boots, safety goggles, and hea e into the environment, if safe to do so. e appropriate. te container for disposal in accordance with loca ndling and Storage gas/mist/vapours/spray. d exposure. ignition. es against static discharge.	avy rubber gloves).			
7.1	Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken	and appropriate personal per Take steps to avoid release Contain spill and collect, as gTransfer to a chemical was <u>Bection 7. Ha</u> Avoid breathing dust/fume/g Avoid prolonged or repeated Keep away from sources of Take precautionary measure Keep away from heat, spark	rotection (rubber boots, safety goggles, and hea e into the environment, if safe to do so. appropriate. te container for disposal in accordance with loca <b>ndling and Storage</b> gas/mist/vapours/spray. d exposure. ignition. es against static discharge. ss and flame.	avy rubber gloves).			
7.1	Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling:	and appropriate personal per Take steps to avoid release Contain spill and collect, as gTransfer to a chemical wast <b>Section 7. Ha</b> Avoid breathing dust/fume/g Avoid breathing dust/fume/g Avoid prolonged or repeated Keep away from sources of Take precautionary measure Keep away from heat, spark Keep container tightly close	rotection (rubber boots, safety goggles, and hea e into the environment, if safe to do so. e appropriate. te container for disposal in accordance with loca ndling and Storage gas/mist/vapours/spray. d exposure. ignition. es against static discharge. ks and flame. d.	avy rubber gloves).			
7.1	Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken in Storing:	and appropriate personal per Take steps to avoid release Contain spill and collect, as gTransfer to a chemical was <u>Section 7. Ha</u> Avoid breathing dust/fume/g Avoid breathing dust/fume/g Avoid prolonged or repeated Keep away from sources of Take precautionary measure Keep away from heat, spark Keep container tightly closed Store in accordance with inf	rotection (rubber boots, safety goggles, and hea e into the environment, if safe to do so. e appropriate. te container for disposal in accordance with loca <b>ndling and Storage</b> gas/mist/vapours/spray. d exposure. ignition. es against static discharge. as and flame. d. formation listed on the product insert.	avy rubber gloves).			
7.1	Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken in Storing:	and appropriate personal per Take steps to avoid release Contain spill and collect, as gTransfer to a chemical was <u>Section 7. Ha</u> Avoid breathing dust/fume/g Avoid breathing dust/fume/g Avoid prolonged or repeated Keep away from sources of Take precautionary measure Keep away from heat, spark Keep container tightly closed Store in accordance with inf	rotection (rubber boots, safety goggles, and hea e into the environment, if safe to do so. e appropriate. te container for disposal in accordance with loca ndling and Storage gas/mist/vapours/spray. d exposure. ignition. es against static discharge. ks and flame. d.	avy rubber gloves).			
5.3 7.1 7.2	Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken in Storing: Sect Exposure Parameters:	and appropriate personal pro- Take steps to avoid release Contain spill and collect, as Transfer to a chemical wast <b>Section 7. Ha</b> Avoid breathing dust/fume/g Avoid prolonged or repeated Keep away from sources of Take precautionary measure Keep away from heat, spark Keep container tightly close Store in accordance with inf	rotection (rubber boots, safety goggles, and hea e into the environment, if safe to do so. appropriate. te container for disposal in accordance with loca ndling and Storage gas/mist/vapours/spray. d exposure. ignition. es against static discharge. ds and flame. d. formation listed on the product insert.	avy rubber gloves).			
3.3 7.1 7.2 3.1 CAS	Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken in Storing: Sect Exposure Parameters: # Chemical Name	and appropriate personal per Take steps to avoid release Contain spill and collect, as gTransfer to a chemical wast Section 7. Ha Avoid breathing dust/fume/g Avoid prolonged or repeated Keep away from sources of Take precautionary measure Keep away from heat, spark Keep container tightly close Store in accordance with inf tion 8. Exposure C	rotection (rubber boots, safety goggles, and hea e into the environment, if safe to do so. appropriate. te container for disposal in accordance with loca ndling and Storage gas/mist/vapours/spray. d exposure. ignition. es against static discharge. d exposure. ignition. es and flame. d. formation listed on the product insert. Controls/Personal Protection Recommended Exposure Limits	avy rubber gloves).			
5.3 7.1 7.2 3.1 CAS	Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken in Storing: Sect Exposure Parameters: # Chemical Name	and appropriate personal pro- Take steps to avoid release Contain spill and collect, as Transfer to a chemical wast <b>Section 7. Ha</b> Avoid breathing dust/fume/g Avoid prolonged or repeated Keep away from sources of Take precautionary measure Keep away from heat, spark Keep container tightly close Store in accordance with inf tion 8. Exposure C	rotection (rubber boots, safety goggles, and hea e into the environment, if safe to do so. appropriate. te container for disposal in accordance with loca ndling and Storage gas/mist/vapours/spray. d exposure. ignition. es against static discharge. ds and flame. d. formation listed on the product insert. Controls/Personal Protection Recommended Exposure Limits TLV: 20 ppm	avy rubber gloves). al regulations.			
5.2 5.3 7.1 7.2 3.1 CAS 75-0	Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken in Storing: Sect Exposure Parameters: # Chemical Name	and appropriate personal per Take steps to avoid release Contain spill and collect, as gTransfer to a chemical wast Section 7. Ha Avoid breathing dust/fume/g Avoid prolonged or repeated Keep away from sources of Take precautionary measure Keep away from heat, spark Keep container tightly close Store in accordance with inf tion 8. Exposure C Jurisdiction ACGIH TLV Europe	rotection (rubber boots, safety goggles, and hea e into the environment, if safe to do so. e appropriate. te container for disposal in accordance with loca ndling and Storage gas/mist/vapours/spray. d exposure. ignition. es against static discharge. d exposure. ignition. es against static discharge. d. formation listed on the product insert. Controls/Personal Protection Recommended Exposure Limits TLV: 20 ppm TWA: 70 mg/m3 (40 ppm)	avy rubber gloves). al regulations.			
5.3 7.1 7.2 3.1 CAS	Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken in Storing: Sect Exposure Parameters: # Chemical Name	and appropriate personal pro- Take steps to avoid release Contain spill and collect, as Transfer to a chemical wast <b>Section 7. Ha</b> Avoid breathing dust/fume/g Avoid prolonged or repeated Keep away from sources of Take precautionary measure Keep away from heat, spark Keep container tightly close Store in accordance with inf tion 8. Exposure C	rotection (rubber boots, safety goggles, and hea e into the environment, if safe to do so. e appropriate. te container for disposal in accordance with loca ndling and Storage gas/mist/vapours/spray. d exposure. ignition. es against static discharge. d exposure. ignition. es against static discharge. d. formation listed on the product insert. Controls/Personal Protection Recommended Exposure Limits TLV: 20 ppm TWA: 70 mg/m3 (40 ppm) TWA: 70 mg/m3 (40 ppm)	avy rubber gloves). al regulations.			
5.3 7.1 7.2 3.1 CAS	Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken in Storing: Sect Exposure Parameters: # Chemical Name	and appropriate personal pro- Take steps to avoid release Contain spill and collect, as Transfer to a chemical wast <b>Section 7. Ha</b> Avoid breathing dust/fume/g Avoid prolonged or repeated Keep away from sources of Take precautionary measure Keep away from heat, spark Keep container tightly close Store in accordance with inf tion 8. Exposure C Jurisdiction ACGIH TLV Europe France VL	rotection (rubber boots, safety goggles, and hea e into the environment, if safe to do so. appropriate. te container for disposal in accordance with loca ndling and Storage gas/mist/vapours/spray. d exposure. ignition. es against static discharge. d exposure. ignition. es against static discharge. d. formation listed on the product insert. Controls/Personal Protection Recommended Exposure Limits TLV: 20 ppm TWA: 70 mg/m3 (40 ppm) TWA: 70 mg/m3 (40 ppm) STEL: ()	avy rubber gloves). al regulations.			
5.3 7.1 7.2 3.1 CAS	Emergency Procedures: Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken in Storing: Sect Exposure Parameters: # Chemical Name	and appropriate personal per Take steps to avoid release Contain spill and collect, as gTransfer to a chemical wast Section 7. Ha Avoid breathing dust/fume/g Avoid prolonged or repeated Keep away from sources of Take precautionary measure Keep away from heat, spark Keep container tightly close Store in accordance with inf tion 8. Exposure C Jurisdiction ACGIH TLV Europe	rotection (rubber boots, safety goggles, and hea e into the environment, if safe to do so. e appropriate. te container for disposal in accordance with loca ndling and Storage gas/mist/vapours/spray. d exposure. ignition. es against static discharge. d exposure. ignition. es against static discharge. d. formation listed on the product insert. Controls/Personal Protection Recommended Exposure Limits TLV: 20 ppm TWA: 70 mg/m3 (40 ppm) TWA: 70 mg/m3 (40 ppm)	avy rubber gloves).			

Multi-region format



8.2	Exposure Controls:						
8.2.1							
	(Ventilation etc.):	levels below recommended exposure limits.					
8.2.2	Personal protection equipment:						
	Eye Protection:	y glasses					
	Protective Gloves: Compatible chemical-resistant gloves						
	Other Protective Clothing:Lab 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.					
		No data available.					
	Se	ection 9. Physical and Chemical Properties					
		•					
9.1	-	ical and Chemical Properties					
	Physical States:	[]Gas [X]Liquid []Solid					
	Appearance and Odor:	A solution in acetonitrile					
	pH:	No data.					
	Melting Point:	No data.					
	Boiling Point:	No data.					
	Flash Pt:	2.00 C Method Used: Closed Cup					
	Evaporation Rate:	No data.					
	Flammability (solid, gas):	No data available.					
	Explosive Limits:	LEL: 3.0% at 25.0 C UEL: 16.0% at 25.0 C					
	Vapor Pressure (vs. Air or	mm 73 MM_HG at 20.0 C					
	Hg):						
	Vapor Density (vs. Air = 1)						
	Specific Gravity (Water = 1						
	Solubility in Water:	No data.					
	Octanol/Water Partition	No data.					
	Coefficient:						
	Autoignition Pt:	524.00 C					
	Decomposition Temperatu						
	Viscosity:	No data.					
9.2	Other Information						
	Percent Volatile:	No data.					
	Molecular Formula & Weig	ht: C21H42O4 358.6					



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10.4			Section 10. Stability and	Reacti	vity		
10.1	Reactivity: No data available.						
10.2	Stability:		Unstable [ ] Stable [ X ]				
0.3	Stability Note	(s):	Stable if stored in accordance with inform	ation listed o	on the product	insert.	
	Polymerizatio	n:	Will occur [ ] Will not occur [ X ]				
0.4	Conditions To	Avoid:	heat, flames, and sparks				
0.5	Incompatibilit	y - Materials	acids				
	To Avoid:		alkali metals				
			bases				
			oxidizing agents				
			reducing agents				
10.6	Hazardous		carbon dioxide				
	Decompositio	n or	carbon monoxide				
	Byproducts:		hydrogen cyanide				
			nitrogen oxides				
			Section 11. Toxicological	Informa	ation		
1.1	Information or	n	The toxicological effects of this product ha	ave not beer	n thoroughly st	udied.	
	Toxicological	Effects:	Acetonitrile - Toxicity Data: Oral LD50 (rat	:): 2,460 mg	/kg; Oral LD50	(mouse): 269	mg/kg; Oral
			LD50 (rabbit): 50 mg/kg; Oral TDLO (man	): 64 mg/kg	Skin LD50 (ra	abbit): 980 mg/	kg; Inhalation
			TCLO (human): 160 ppm (4h); Inhalation	LC50 (rat):	7,551 ppm (8h	);	
			Acetonitrile - Irritation Data: Skin (rabbit) 5	500 mg mild	; Eye (rabbit):	100 µl (24 hr) ı	moderate;
			Acetonitrile - Investigated as a mutagen, reproductive effector, and tumorigen.				
	Chronic Toxic	ological	Acetonitrile - Investigated as a mutagen, i	eproductive	effector, and	tumorigen.	
	Chronic Toxic Effects:	ological	Acetonitrile - Investigated as a mutagen, r Only select Registry of Toxic Effects of Cl				sented here.
		ological		nemical Sub			sented here.
		ological	Only select Registry of Toxic Effects of Cl	nemical Sub			sented here.
Carcin		ological	Only select Registry of Toxic Effects of Cl See actual entry in RTECS for complete i	nemical Sub nformation.			sented here.
	Effects:		Only select Registry of Toxic Effects of Cl See actual entry in RTECS for complete in Acetonitrile RTECS Number: AL7700000	nemical Sub nformation.	stances (RTE)		sented here.
CAS #	Effects: hogenicity: # Haza		Only select Registry of Toxic Effects of Cl See actual entry in RTECS for complete in Acetonitrile RTECS Number: AL7700000 NTP? No IARC Monographs? No ponents (Chemical Name)	nemical Sub nformation. OSHA Re	stances (RTE)	CS) data is pre	
<b>CAS #</b> 7713	Effects: nogenicity: # Haza 33-35-8 Hexa	ardous Com	Only select Registry of Toxic Effects of Cl See actual entry in RTECS for complete in Acetonitrile RTECS Number: AL7700000 NTP? No IARC Monographs? No ponents (Chemical Name)	nemical Sub nformation. OSHA Re	stances (RTE) egulated? No IARC	CS) data is pre	OSHA
<b>CAS #</b> 7713	Effects: nogenicity: # Haza 33-35-8 Hexa	ardous Comp adecyl Acetyl	Only select Registry of Toxic Effects of Cl See actual entry in RTECS for complete in Acetonitrile RTECS Number: AL7700000 NTP? No IARC Monographs? No ponents (Chemical Name) Glycerol	nemical Sub nformation. OSHA Re NTP n.a. n.a.	stances (RTE) egulated? No IARC n.a. n.a.	CS) data is pre	OSHA n.a.
<b>CAS #</b> 7713 75-	Effects: nogenicity: # Haza 33-35-8 Hexa -05-8 Aceto	ardous Comp adecyl Acetyl	Only select Registry of Toxic Effects of Cl See actual entry in RTECS for complete in Acetonitrile RTECS Number: AL7700000 NTP? No IARC Monographs? No ponents (Chemical Name) Glycerol Section 12. Ecological I	nemical Sub nformation. OSHA Re NTP n.a. n.a.	stances (RTE) egulated? No IARC n.a. n.a.	CS) data is pre	OSHA n.a.
<b>CAS #</b> 7713 75-	Effects: nogenicity: # Haza 33-35-8 Hexa	ardous Comp adecyl Acetyl	Only select Registry of Toxic Effects of Cl See actual entry in RTECS for complete in Acetonitrile RTECS Number: AL7700000 NTP? No IARC Monographs? No ponents (Chemical Name) Glycerol Section 12. Ecological I Avoid release into the environment.	nemical Sub nformation. OSHA Re NTP n.a. n.a. nformat	stances (RTE) egulated? No IARC n.a. n.a. ion	CS) data is pre	OSHA n.a.
CAS # 7713 75- 12.1	Effects: nogenicity: # Haza 33-35-8 Hexa -05-8 Aceto Toxicity:	ardous Comp adecyl Acetyl onitrile	Only select Registry of Toxic Effects of Cl See actual entry in RTECS for complete in Acetonitrile RTECS Number: AL7700000 NTP? No IARC Monographs? No ponents (Chemical Name) Glycerol Glycerol Section 12. Ecological I Avoid release into the environment. Runoff from fire control or dilution water m	nemical Sub nformation. OSHA Re NTP n.a. n.a. nformat	stances (RTE) egulated? No IARC n.a. n.a. ion	CS) data is pre	OSHA n.a.
CAS # 7713 75- 12.1	Effects: nogenicity: # Haza 33-35-8 Hexa -05-8 Aceto Toxicity: Persistence a	ardous Comp adecyl Acetyl onitrile	Only select Registry of Toxic Effects of Cl See actual entry in RTECS for complete in Acetonitrile RTECS Number: AL7700000 NTP? No IARC Monographs? No ponents (Chemical Name) Glycerol Section 12. Ecological I Avoid release into the environment.	nemical Sub nformation. OSHA Re NTP n.a. n.a. nformat	stances (RTE) egulated? No IARC n.a. n.a. ion	CS) data is pre	OSHA n.a.
CAS # 7713 75- 12.1 12.2	Effects: hogenicity: Haza 33-35-8 Hexa -05-8 Aceta Toxicity: Persistence at Degradability:	ardous Comp adecyl Acetyl onitrile	Only select Registry of Toxic Effects of Cl See actual entry in RTECS for complete in Acetonitrile RTECS Number: AL7700000 NTP? No IARC Monographs? No ponents (Chemical Name) Glycerol Glycerol Section 12. Ecological I Avoid release into the environment. Runoff from fire control or dilution water m No data available.	nemical Sub nformation. OSHA Re NTP n.a. n.a. nformat	stances (RTE) egulated? No IARC n.a. n.a. ion	CS) data is pre	OSHA n.a.
CAS # 7713 75- 12.1 12.2	Effects: nogenicity: # Haza 33-35-8 Hexa -05-8 Aceto Toxicity: Persistence and Degradability: Bioaccumulat	ardous Comp adecyl Acetyl onitrile	Only select Registry of Toxic Effects of Cl See actual entry in RTECS for complete in Acetonitrile RTECS Number: AL7700000 NTP? No IARC Monographs? No ponents (Chemical Name) Glycerol Glycerol Section 12. Ecological I Avoid release into the environment. Runoff from fire control or dilution water m	nemical Sub nformation. OSHA Re NTP n.a. n.a. nformat	stances (RTE) egulated? No IARC n.a. n.a. ion	CS) data is pre	OSHA n.a.
CAS # 7713 75- 12.1 12.2 12.3	Effects: nogenicity: Haza 33-35-8 Hexa -05-8 Aceta Toxicity: Persistence at Degradability: Bioaccumulat Potential:	ardous Comj adecyl Acetyl onitrile nd ive	Only select Registry of Toxic Effects of Cl See actual entry in RTECS for complete in Acetonitrile RTECS Number: AL7700000 NTP? No IARC Monographs? No ponents (Chemical Name) Glycerol Glycerol Section 12. Ecological I Avoid release into the environment. Runoff from fire control or dilution water m No data available. No data available.	nemical Sub nformation. OSHA Re NTP n.a. n.a. nformat	stances (RTE) egulated? No IARC n.a. n.a. ion	CS) data is pre	OSHA n.a.
CAS # 7713 75- 12.1 12.2 12.3 12.4	Effects: nogenicity: Haza 3-35-8 Hexa -05-8 Aceto Toxicity: Persistence an Degradability: Bioaccumulat Potential: Mobility in So	ardous Comp adecyl Acetyl onitrile nd ive il:	Only select Registry of Toxic Effects of Cl See actual entry in RTECS for complete in Acetonitrile RTECS Number: AL7700000 NTP? No IARC Monographs? No ponents (Chemical Name) Glycerol Section 12. Ecological I Avoid release into the environment. Runoff from fire control or dilution water m No data available. No data available.	nemical Sub nformation. OSHA Re NTP n.a. n.a. nformat	stances (RTE) egulated? No IARC n.a. n.a. ion	CS) data is pre	OSHA n.a.
CAS # 7713 75- 12.1 12.2 12.3 12.4	Effects: nogenicity: Haza 3-35-8 Hexa -05-8 Aceta Toxicity: Persistence at Degradability: Bioaccumulat Potential: Mobility in So Results of PB	ardous Comp adecyl Acetyl onitrile nd ive il:	Only select Registry of Toxic Effects of Cl See actual entry in RTECS for complete in Acetonitrile RTECS Number: AL7700000 NTP? No IARC Monographs? No ponents (Chemical Name) Glycerol Glycerol Section 12. Ecological I Avoid release into the environment. Runoff from fire control or dilution water m No data available. No data available.	nemical Sub nformation. OSHA Re NTP n.a. n.a. nformat	stances (RTE) egulated? No IARC n.a. n.a. ion	CS) data is pre	OSHA n.a.
<b>CAS #</b> 7713	Effects: nogenicity: Haza 3-35-8 Hexa -05-8 Aceto Toxicity: Persistence an Degradability: Bioaccumulat Potential: Mobility in So	ardous Comp adecyl Acetyl onitrile nd ive il: T and vPvB	Only select Registry of Toxic Effects of Cl See actual entry in RTECS for complete in Acetonitrile RTECS Number: AL7700000 NTP? No IARC Monographs? No ponents (Chemical Name) Glycerol Section 12. Ecological I Avoid release into the environment. Runoff from fire control or dilution water m No data available. No data available.	nemical Sub nformation. OSHA Re NTP n.a. n.a. nformat	stances (RTE) egulated? No IARC n.a. n.a. ion	CS) data is pre	OSHA n.a.

Multi-region format



Multi-region format

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Section 13. Disposal Considerations					
13.1 Waste D	isposal Method:	Dispose in accordance with loca	al, state, and federal r	egulations.	
	Section 14. Transport Information				
14.1 LAND T	RANSPORT (US I	DOT):			
DOT Prope	r Shipping Name:	Acetonitrile Solution			
DOT Hazar	d Class:	3 FLAMMAB	LE LIQUID		
UN/NA Nur	nber:	1648 Packing Group: II			II
14.1 LAND T	RANSPORT (Euro				
	hipping Name:	Acetonitrile Solution			
UN Numbe		1648	Packing Grou	ın.	П
Hazard Cla		3 - FLAMMABLE LIQUID		ν <b>ρ</b> .	
	ANSPORT (ICAO/I				
	Shipping Name:	Acetonitrile Solution			
UN Numbe		1648	Packing Grou	ıp:	II
Hazard Cla	ss:	3 - FLAMMABLE LIQUID	IATA Classifi	-	3
Additional Trai	nsport	Transport in accordance with lo	cal, state, and federa	l regulations.	
Information:	-	When sold in quantities of less	than or equal to 1 mL	, or 1 g, with an Exce	epted Quantity Code of
		E1, E2, E4, or E5, this item mee	ets the De Minimis Qu	uantities exemption, p	per IATA 2.6.10.
		Therefore packaging does not h	nave to be labeled as	Dangerous Goods/E	xcepted Quantity.
		Section 15. Regul	atory Informa	tion	
EPA SARA (Su	perfund Amendm	ents and Reauthorization Act	of 1986) Lists		
CAS #	Hazardous Com	ponents (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
77133-35-8	Hexadecyl Acetyl	Glycerol	No	No	No
75-05-8	Acetonitrile		No	Yes 5000 LB	Yes
CAS #	Hazardous Com	ponents (Chemical Name)	Other US EPA or S	State Lists	
77133-35-8	77133-35-8 Hexadecyl Acetyl Glycerol		CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No		
75-05-8	Acetonitrile			AP; CWA NPDES: N R; CA PROP.65: No	lo; TSCA: Yes -
Regulatory Info Statement:	prmation	This SDS was prepared in acco No.1272/2008.	rdance with 29 CFR	1910.1200 and Regu	lation (EC)



Revision: 04/10/2018 Supersedes Revision: 01/26/2015

Section 16. Other Information				
Revision Date:	04/10/2018			
Additional Information About	No data available.			
This Product:				
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