



## SAFETY DATA SHEET Synthetic Marine Gear Lube SAE 75W-90

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200 and WHMIS 2015, in compliance with the Hazardous Product Act (HPA, as amended) and the requirements of the Hazardous Product Regulations (HPR).

1. Identification		
Product identifier		
Product name	Synthetic Marine Gear Lube SAE 75W-90	
Product number	AGM	
Recommended use of the che	emical and restrictions on use	
Application	Lubricating fluid.	
Uses advised against	Avoid the formation of mists.	
Details of the supplier of the safety data sheet		
Supplier	AMSOIL INC. Bordner, Ladner, Gervais Scotia Plaza, 40 King St W Toronto, ON, Canada M5H 3Y4 T: +1 416-367-6547	
Manufacturer	AMSOIL INC. One AMSOIL Center, Superior, WI 54880, USA. T: +1 715-392-7101 compliance@amsoil.com	
Emergency telephone number	<u>r</u>	
Emergency telephone	CHEMTREC: Within USA and Canada: 1-800-424-9300 Outside the USA and Canada: +1 703-741-5970 (collect calls accepted) 24/7	
2. Hazard(s) identification		
Classification of the substance	e or mixture	
OSHA/WHMIS Regulatory Status	This Product is Hazardous under the OSHA Hazard Communication Standard and according to the hazard criteria of the Hazardous Product Regulations.	
Physical hazards	Not Classified	
Health hazards	Eye Irrit. 2B - H320 Skin Sens. 1 - H317	
Environmental hazards	Aquatic Acute 3 - H402 Aquatic Chronic 3 - H412	
Label elements		
Pictogram		
<u>!</u>		
Signal word	Warning	

Hazard statements	H317 May cause an allergic skin reaction. H320 Causes eye irritation. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	<ul> <li>P261 Avoid breathing vapor/ spray.</li> <li>P264 Wash contaminated skin thoroughly after handling.</li> <li>P272 Contaminated work clothing must not be allowed out of the workplace.</li> <li>P273 Avoid release to the environment.</li> <li>P280 Wear protective gloves, eye and face protection.</li> <li>P302+P352 If on skin: Wash with plenty of water.</li> <li>P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</li> <li>P362+P364 Take off contaminated clothing and wash it before reuse.</li> <li>P391 Collect spillage.</li> <li>P501 Dispose of contents/ container in accordance with national regulations.</li> </ul>
Contains	Amines, C12-14-tert-alkyl

### Other hazards

This product does not contain any substances classified as PBT or vPvB.

3. Composition/information on ing	edients	
Mixtures		
Hydrogenated base oil		25 - <50%
CAS number: 64742-54-7		
Classification		
Asp. Tox. 1 - H304		
Polyisobutylene		25 - <50%
CAS number: 9003-27-4		
Classification		
Eye Irrit. 2B - H320		
Amines, C12-14-tert-alkyl		0.5 - <1%
CAS number: 68955-53-3		
M factor (Acute) = 1	M factor (Chronic) = 1	
Classification		
Flam. Liq. 4 - H227		
Acute Tox. 4 - H302		
Acute Tox. 3 - H311		
Acute Tox. 2 - H330		
Skin Corr. 1B - H314		
Eye Dam. 1 - H318		
Skin Sens. 1A - H317		
Aquatic Acute 1 - H400		
Aquatic Chronic 1 - H410		

## Synthetic Marine Gear Lube SAE 75W-90

[	
(Z)-Octadec-9-enylamine	0.025 - <0.25%
CAS number: 112-90-3	
M factor (Acute) = 10	M factor (Chronic) = 10
<b>Classification</b> Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335 STOT RE 2 - H373 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	
The full text for all hazard stat	ements is displayed in Section 16.
Composition comments	The exact percentage is withheld as a trade secret in accordance with 29 CFR 1910.1200.
4. First-aid measures	
Description of first aid measur	res
General information	Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.
Inhalation	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place.
Ingestion	Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. Maintain an open airway. Loosen tight clothing such as collar, tie or belt.
Skin Contact	Remove contamination with soap and water or recognized skin cleansing agent. Get medical attention if symptoms are severe or persist after washing.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 20 minutes.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue. If it is suspected that volatile contaminants are still present around the affected person, first aid personnel should wear an appropriate respirator or self-contained breathing apparatus. Wash contaminated clothing thoroughly with water before removing it from the affected person, or wear gloves. It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.
Most important symptoms and	d effects, both acute and delayed
General information	See Section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	A single exposure may cause the following adverse effects: Irritation of nose, throat and airway. Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion	May cause discomfort if swallowed. Fumes from the stomach contents may be inhaled, resulting in the same symptoms as inhalation.
Skin contact	May cause skin sensitization or allergic reactions in sensitive individuals. A single exposure may cause the following adverse effects: Redness. Irritation.
Eye contact	Causes serious eye irritation. A single exposure may cause the following adverse effects: Redness. Pain.
Indication of immediate medicate	al attention and special treatment needed
Notes for the doctor	Treat symptomatically.
5. Fire-fighting measures	
Extinguishing media	
Suitable extinguishing media	The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Special hazards arising from the	he substance or mixture
Specific hazards	Containers can burst violently or explode when heated, due to excessive pressure build-up. Contains Hydrocarbons. The product is immiscible with water and will spread on the water surface.
Hazardous combustion products	Hydrocarbons. Carbon monoxide (CO). Carbon dioxide (CO2).
Advice for firefighters	
Protective actions during firefighting	Avoid breathing fire gases or vapors. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves, that provides a basic level of protection during chemical incidents is defined by the Canada Occupational Health and Safety Regulations, by provincial guidelines on occupational health and safety or by NFPA standards if applicable.
6. Accidental release measure	S

#### Personal precautions, protective equipment and emergency procedures

Personal precautions	No action shall be taken without appropriate training or involving any personal risk. Keep
	unnecessary and unprotected personnel away from the spillage. Wear protective clothing as
	described in Section 8 of this safety data sheet. Follow precautions for safe handling
	described in this safety data sheet. Wash thoroughly after dealing with a spillage. Ensure
	procedures and training for emergency decontamination and disposal are in place. Do not
	touch or walk into spilled material. Avoid contact with skin and eyes. Use protective equipment
	appropriate for surrounding materials.

#### **Environmental precautions**

# **Environmental precautions** Immiscible with water. Harmful to aquatic life with long lasting effects. Avoid discharge into drains or watercourses or onto the ground. Absorb spillage with non-combustible, absorbent material. Large Spillages: Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).

#### Methods and material for containment and cleaning up

Methods for cleaning up	Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Small Spillages: Absorb spillage with sand or other inert absorbent. Collect and place in suitable waste disposal containers and seal securely. Large Spillages: If leakage cannot be stopped, evacuate area. Flush spilled material into an effluent treatment plant, or proceed as follows. Contain and absorb spillage with sand, earth or other non-combustible material. Place waste in labeled, sealed containers. Clean contaminated objects and areas thoroughly, observing environmental regulations. The contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

#### 7. Handling and storage Precautions for safe handling Usage precautions Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers. Avoid contact with used product. Advice on general Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash occupational hygiene before reuse. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace. Conditions for safe storage, including any incompatibilities Storage precautions Store away from incompatible materials (see Section 10). Store in accordance with local regulations. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Utilize retaining walls to prevent soil and water pollution in the event of spillage. The storage area floor should be leak-tight, jointless and not absorbent.

Storage class

Chemical storage.

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

#### 8. Exposure Controls/personal protection

#### **Control parameters**

#### Occupational exposure limits

Under conditions which may generate mists, the following exposure limits are recommended: Long-term exposure limit (8-hour TWA): 5 mg/m<sup>3</sup> Short-term exposure limit (15-minute): 10 mg/m<sup>3</sup>

Ingredient comments	The constituents listed are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.
Exposure controls	
Appropriate engineering controls	Provide adequate ventilation. Personal, workplace environment or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimize worker exposure. Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures. Ensure control measures are regularly inspected and maintained. Ensure operatives are trained to minimize exposure.
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with OSHA 1910.133 and/or the Canadian regulation on health and safety at work, SOR/86-304, Part XII (12.6), and any relevant provincial regulation relating to health and safety at work. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and/or the Canadian regulation on health and safety at work, SOR/86-304, Part XII (12.9), and be demonstrated to be impervious to the chemical and resist degradation. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.
Other skin and body protection	Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.
Hygiene measures	Provide eyewash station and safety shower. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke. Preventive industrial medical examinations should be carried out. Warn cleaning personnel of any hazardous properties of the product.
Respiratory protection	Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is NIOSH approved. Check that the respirator fits tightly and the filter is changed regularly. Full face mask respirators with replaceable filter cartridges should comply with OSHA 1910.134 and/or the Canadian regulation on health and safety at work, SOR/86-304, Part XII (12.7), and any relevant provincial regulation relating to health and safety at work. Gas and combination filter cartridges should comply with OSHA 1910.134 and/or the Canadian regulation relating to health and safety at work. Gas and combination filter cartridges should comply with OSHA 1910.134 and/or the Canadian regulation on health and safety at work, SOR/86-304, Part XII (12.7), and any relevant provincial regulation relating to health and safety at work. Half mask and quarter mask respirators with replaceable filter cartridges should comply with OSHA 1910.134 and/or the Canadian regulation on health and safety at work, SOR/86-304, Part XII (12.7), and any relevant provincial regulation relating to health and safety at work. Half mask and quarter mask respirators with replaceable filter cartridges should comply with OSHA 1910.134 and/or the Canadian regulation on health and safety at work, SOR/86-304, Part XII (12.7), and any relevant provincial regulation on health and safety at work. SOR/86-304, Part XII (12.7), and any relevant provincial regulation on health and safety at work. SOR/86-304, Part XII (12.7), and any relevant provincial regulation on health and safety at work. SOR/86-304, Part XII (12.7), and any relevant provincial regulation relating to health and safety at work.
Environmental exposure controls	Keep container tightly sealed when not in use.

9. Physical and Chemical Properties

Information on basic physical a	and chemical properties
Appearance	Liquid.
Color	Amber.
Odor	Aromatic hydrocarbons.
Odor threshold	Not available.
рН	Not available.
Melting point	Not available.
Initial boiling point and range	Not available.
Flash point	208°C Cleveland open cup. [ASTM D 92]
Evaporation rate	Not available.
Upper/lower flammability or explosive limits	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	0.8751
Solubility(ies)	Not known.
Partition coefficient	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	117.3 cSt @ 40°C 15.4 cSt @ 100°C [ASTM D 445]
Explosive properties	Not considered to be explosive.
Oxidizing properties	Does not meet the criteria for classification as oxidizing.
Fire point	220°C Cleveland open cup. [ASTM D 92]
Pour point	-43°C [ASTM D 97]
10. Stability and reactivity	
Reactivity	See the other subsections of this section for further details.
Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
Possibility of hazardous reactions	No potentially hazardous reactions known.
Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.
Materials to avoid	Oxidizing agents. Acids - oxidizing.
Hazardous decomposition products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.

#### Information on basic physical and chemical properties

11. Toxicological information		
Information on toxicological effects		
Acute toxicity - oral		
Notes (oral LD₅₀)	Based on available data the classification criteria are not met.	
Acute toxicity - dermal		
Notes (dermal LD <sub>50</sub> )	Based on available data the classification criteria are not met.	
ATE dermal (mg/kg)	29,827.69	
Acute toxicity - inhalation		
Notes (inhalation LC₅₀)	Based on available data the classification criteria are not met.	
ATE inhalation (vapours mg/l)	59.42	
Skin corrosion/irritation		
Animal data	Based on available data the classification criteria are not met.	
Serious eye damage/irritation		
Serious eye damage/irritation	Causes serious eye irritation.	
Respiratory sensitization		
Respiratory sensitization	Based on available data the classification criteria are not met.	
Skin sensitization		
Skin sensitization	May cause skin sensitization or allergic reactions in sensitive individuals.	
Germ cell mutagenicity		
Genotoxicity - in vitro	Based on available data the classification criteria are not met.	
Carcinogenicity		
Carcinogenicity	Based on available data the classification criteria are not met.	
IARC carcinogenicity	None of the ingredients are listed or exempt.	
Reproductive toxicity		
Reproductive toxicity - fertility	Based on available data the classification criteria are not met.	
Reproductive toxicity - development	Based on available data the classification criteria are not met.	
-		
Specific target organ toxicity - STOT - single exposure	single exposure Not classified as a specific target organ toxicant after a single exposure.	
•		
Specific target organ toxicity - STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.	
Aspiration hazard Aspiration hazard	Based on available data the classification criteria are not met.	
General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.	
Inhalation	A single exposure may cause the following adverse effects: Irritation of nose, throat and airway. Prolonged inhalation of high concentrations may damage respiratory system.	
Ingestion	May cause discomfort if swallowed. Fumes from the stomach contents may be inhaled, resulting in the same symptoms as inhalation.	

Skin Contact	May cause skin sensitization or allergic reactions in sensitive individuals. A single exposure may cause the following adverse effects: Redness. Irritation.
Eye contact	Causes serious eye irritation. A single exposure may cause the following adverse effects: Redness. Pain.
Route of exposure	Ingestion Inhalation Skin and/or eye contact
Target Organs	No specific target organs known.
Medical considerations	Skin disorders and allergies.

## Toxicological information on ingredients.

Amines, C12-14-tert-alkyl

Acute toxicity - oral	
Acute toxicity oral (LD₅₀ mg/kg)	612.0
Species	Rat
Notes (oral LD₅₀)	REACH dossier information. Harmful if swallowed.
ATE oral (mg/kg)	612.0
Acute toxicity - dermal	
Acute toxicity dermal (LD₅₀ mg/kg)	251.0
Species	Rat
Notes (dermal LD₅₀)	REACH dossier information. Toxic in contact with skin.
ATE dermal (mg/kg)	251.0
Acute toxicity - inhalation	
Notes (inhalation LC₅₀)	Fatal if inhaled.
ATE inhalation (vapours mg/l)	0.5
Skin corrosion/irritation	
Skin corrosion/irritation	Corrosive to skin.
Animal data	Dose: 0.5ml, 4 hours, Rabbit Primary dermal irritation index: 7.3 REACH dossier information.
Serious eye damage/irritation	on
Serious eye damage/irritation	Dose: 0.1ml, 30 seconds, Rabbit REACH dossier information. Causes serious eye damage.
Skin sensitization	
Skin sensitization	Buehler test - Guinea pig: Sensitizing. REACH dossier information. May cause an allergic skin reaction.
Germ cell mutagenicity	
Genotoxicity - in vitro	Gene mutation: Negative. REACH dossier information. Based on available data the classification criteria are not met.

Reproductive toxicity	data the classification criteria are not met.
Reproductive toxicity - development	Developmental toxicity: - NOAEL: 5 mg/kg/day, Dermal, Rat REACH dossier information. Based on available data the classification criteria are not met.

12. Ecological Information

#### Toxicity

Harmful to aquatic life with long lasting effects.

#### Ecological information on ingredients.

	Amines, C12-14-tert-alkyl					
Acute aquatic toxicity	Acute aquatic toxicity					
LE(C)50	$0.1 < L(E)C50 \le 1$					
M factor (Acute)	1					
Acute toxicity - fish	LC₅₀, 96 hours: 1.3 mg/l, Oncorhynchus mykiss (Rainbow trout) REACH dossier information.					
Acute toxicity - aquatic invertebrates	EC₅₀, 48 hours: 2.5 mg/l, Daphnia magna REACH dossier information.					
Acute toxicity - aquatic plants	EC₅₀, 72 hours: 0.44 mg/l, Selenastrum capricornutum REACH dossier information.					
Chronic aquatic toxicity						
NOEC	0.01 < NOEC ≤ 0.1					
Degradability	Non-rapidly degradable					
M factor (Chronic)	1					
Chronic toxicity - fish early life stage	NOEC, 96 days: 0.078 mg/l, Oncorhynchus mykiss (Rainbow trout) REACH dossier information.					
Persistence and degradability						
Persistence and degradability The degradability of the product is not known.						
Ecological information on ingredients.						
	Amines, C12-14-tert-alkyl					
Stability (hydrolysis)	pH7, pH9, pH4 - Half-life:>1 year @ 25°C REACH dossier information.					
Biodegradation	Water - Degradation 22%: 28 days REACH dossier information.					
Bioaccumulative potential						

Bioaccumulative potential

**Bio-Accumulative Potential** No data available on bioaccumulation.

Partition coefficient Not available.

Ecological information on ingredients.

Amines, C12-14-tert-alkyl

	Partition coefficie	ent	log Pow: 2.9 REACH dossier information.
Mobility in a	soil		
Mobility		The proc	duct is insoluble in water.
Ecological	information on ingr	edients.	
			Amines, C12-14-tert-alkyl
	Mobility		Slightly soluble in water.
Adsorption/desorption		rption	Soil - Log Koc: 4.01 @ 20°C REACH dossier information.
	Surface tension		47.4 mN/m @ 22°C REACH dossier information.
Other adve	rse effects		
Other adve	rse effects	None kn	own.
13. Disposa	al considerations		
Waste treat	tment methods		
General inf	ormation	products way. Dis comply w any loca handling containe	eration of waste should be minimized or avoided wherever possible. Reuse or recycle wherever possible. This material and its container must be disposed of in a safe posal of this product, process solutions, residues and by-products should at all times with the requirements of environmental protection and waste disposal legislation and I authority requirements. When handling waste, the safety precautions applying to of the product should be considered. Care should be taken when handling emptied are that have not been thoroughly cleaned or rinsed out. Empty containers or liners an some product residues and hence be potentially hazardous.
Disposal methods		Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labeled with their contents. Incineration or landfill should only be considered when recycling is not feasible.	
14. Transpo	ort information		
General			duct is not covered by international regulations on the transport of dangerous goods ATA, DOT, TDG).
UN Numbe	r		
Not applica	ble.		
UN proper	shipping name		
Not applica	ble.		
Transport h	nazard class(es)		
No transpo	rt warning sign req	uired.	
<b>Transport labels</b> No transport warning sign required.			
Packing gro	oup		
Not applica	ble.		
Environme	ntal hazards		

# **Environmentally Hazardous Substance** No. Special precautions for user Not applicable. **DOT TIH Zone** Not applicable. Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code 15. Regulatory information OSHA Hazard Communication Standard 29 CFR §1910.1200 Hazardous Products Regulation **Regulatory References** (SOR/2015-17) Transportation of Dangerous Goods Regulations -SOR/2015-100. **US Federal Regulations** SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities None of the ingredients are listed or exempt. CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA) None of the ingredients are listed or exempt. SARA Extremely Hazardous Substances EPCRA Reportable Quantities None of the ingredients are listed or exempt. SARA 313 Emission Reporting None of the ingredients are listed or exempt. **CAA Accidental Release Prevention** None of the ingredients are listed or exempt. SARA (311/312) Hazard Categories None of the ingredients are listed or exempt. **OSHA Highly Hazardous Chemicals** None of the ingredients are listed or exempt. **US State Regulations** California Proposition 65 Carcinogens and Reproductive Toxins None of the ingredients are listed or exempt. California Air Toxics "Hot Spots" (A-I) None of the ingredients are listed or exempt. California Air Toxics "Hot Spots" (A-II) None of the ingredients are listed or exempt. California Directors List of Hazardous Substances None of the ingredients are listed or exempt. Massachusetts "Right To Know" List None of the ingredients are listed or exempt.

Rhode Island "Right To Know" List None of the ingredients are listed or exempt.

#### Minnesota "Right To Know" List

None of the ingredients are listed or exempt.

#### New Jersey "Right To Know" List

The following ingredients are listed or exempt:

Bis(2-ethylhexyl) hydrogen phosphate

#### Pennsylvania "Right To Know" List

None of the ingredients are listed or exempt.

#### Inventories

#### Canada - DSL/NDSL

All the ingredients are listed or exempt.

US - TSCA

All the ingredients are listed or exempt.

#### US - TSCA 12(b) Export Notification

None of the ingredients are listed or exempt.

#### 16. Other information

Abbreviations and acronyms used in the safety data sheet	C.A.S. = Chemical Abstracts Service; E.C. No = European Commission number; GHS = Globally Harmonised System; OSHA = Occupational Safety and Health Administration; WHMIS = Workplace Hazardous Materials Information System; DOT = Department of Transport; TDG = Transport of Dangerous Goods Regulations; IMDG = International Maritime Dangerous Goods; IATA = International Air Transport Association; SARA = Superfund Amendments and Reauthorization Act; CERCLA = Comprehensive Environmental; EPCRA = Emergency Planning and Community Right-to-Know Act; TSCA = Toxic Substances Control Act; LD/LC/EC = Lethal Dose,Lethal Concentration/Effect Concentration for 50% of population; NOEC = No Overall Effect Concentration; NOEL = No Overall Effect Level; REACH = Registration, Evaluation, Authorisation & Restriction of Chemicals; STOT-RE = Single Target Organ Toxicity - Repeat Exposure; STOT-SE= Specific Target Organ Toxicity - Single Exposure; PBT = Persistent, Bioaccumulative, Toxic; vPvB = Very Persistent, Very Bioaccumulative.
Classification abbreviations and acronyms	Eye Irrit. = Eye irritation Aquatic Chronic = Hazardous to the aquatic environment (chronic) Skin Sens. = Skin sensitisation
Key literature references and sources for data	Source: European Chemicals Agency, http://echa.europa.eu/
Training advice	Read and follow manufacturer's recommendations. Only trained personnel should use this material.
Revision comments	This is first issue.
Revision date	10/23/2017
SDS No.	6350

Hazard statements in full	H227 Combustible liquid.
	H302 Harmful if swallowed.
	H304 May be fatal if swallowed and enters airways.
	H311 Toxic in contact with skin.
	H314 Causes severe skin burns and eye damage.
	H317 May cause an allergic skin reaction.
	H318 Causes serious eye damage.
	H320 Causes eye irritation.
	H330 Fatal if inhaled.
	H335 May cause respiratory irritation.
	H373 May cause damage to organs (Gastro-intestinal tract, liver, immune system) through
	prolonged or repeated exposure.
	H400 Very toxic to aquatic life.
	H402 Harmful to aquatic life.
	H410 Very toxic to aquatic life with long lasting effects.
	H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.