



## SAFETY DATA SHEET AMSOIL Synthetic Power Steering Fluid

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	AMSOIL Synthetic Power Steering Fluid
Product number	PSF
Recommended use of the che	emical and restrictions on use
Application	Power Steering Fluid.
Uses advised against	No specific uses advised against are identified.
Details of the supplier of the s	afety 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 not Hazardous under the OSHA Hazard Communication Standard and according to the hazard criteria of the Hazardous Product Regulations.
Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified
Label elements	
Hazard statements	NC Not Classified
Supplemental label information	AT(i) 3.9421% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity.
Other hazards	

Other hazards

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

3. Composition/information or	n ingredients	
Mixtures		
Hydrogenated base oil		25 - <50%
CAS number: 72623-87-1		
<b>Classification</b> Asp. Tox. 1 - H304		
Dec-1-ene, homopolymer, h oligomers, hydrogenated	ydrogenated Dec-1-ene,	10 - <25%
CAS number: 68037-01-4		
<b>Classification</b> Asp. Tox. 1 - H304		
Hydrogenated base oil CAS number: 64742-55-8		1 - <2.5%
<b>Classification</b> Asp. Tox. 1 - H304		
The full text for all hazard sta	tements is displayed in Section 16.	
Composition comments	The exact percentage is withheld as a trade secret in accordance with 29 CFR 1	910.1200.
4. First-aid measures		
Description of first aid measu	res	
General information	Get medical attention if any discomfort continues. Show this Safety Data Sheet t personnel.	o the medical
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfo breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or b	
Ingestion	Rinse mouth thoroughly with water. Remove any dentures. Give a few small glas or milk to drink. Stop if the affected person feels sick as vomiting may be danger induce vomiting unless under the direction of medical personnel. If vomiting occu should be kept low so that vomit does not enter the lungs. Never give anything b unconscious person. Maintain an open airway. Loosen tight clothing such as col	rous. Do not urs, the head by mouth to an
Skin Contact	Remove affected person from source of contamination. Rinse immediately with water.	olenty of
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open en apart. Continue to rinse for at least 10 minutes.	velids wide
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any res	cue.
Most important symptoms an	d effects, both acute and delayed	
General information	See Section 11 for additional information on health hazards. The severity of the described will vary dependent on the concentration and the length of exposure.	symptoms
Inhalation	Prolonged inhalation of high concentrations may damage respiratory system.	



Skin contact	Prolonged contact may cause dryness of the skin.
Eye contact	May cause temporary eye irritation.
Indication of immediate medic	al attention and special treatment needed
Notes for the doctor	Treat symptomatically.
Specific treatments	No special treatment required.
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 t	he substance or mixture
Specific hazards	Containers can burst violently or explode when heated, due to excessive pressure build-up.
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.
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.
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	15
Personal precautions, protecti	ve 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. Use protective equipment appropriate for surrounding materials.
Environmental precautions	
Environmental precautions	Avoid discharge to the aquatic environment.
Methods and material for cont	ainment 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. Reuse or recycle products wherever possible. Absorb the spillage with an inert, dry material and place it in a suitable waste disposal container. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dispose of contents/container in accordance with national regulations.
Reference to other sections	For personal protection, see Section 8. For waste disposal, see Section 13.
7. Handling and storage	

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Precautions for safe handling	<u>g</u>		
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 contact with used product. Do not reuse empty containers. Avoid the formation of mists.		
Advice on general occupational hygiene	Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash 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). Keep container tightly closed, in a cool, well ventilated place. Protect containers from damage.		
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/person	al protection		
Control parameters			
Occupational exposure limits	3		
Comments	The following constituents 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.		
Long-term exposure limit (8-	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>		
Exposure controls			
Appropriate engineering controls	Provide adequate ventilation. Good general ventilation should be adequate to control worker exposure to airborne contaminants.		
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. The following protection should be worn: Chemical splash goggles.		
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		

Other skin and bodyAppropriate footwear and additional protective clothing complying with an approved standard<br/>should be worn if a risk assessment indicates skin contamination is possible.

deterioration is detected. Frequent changes are recommended.

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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.
Respiratory protection	Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Provide adequate ventilation. Large Spillages: If ventilation is inadequate, suitable respiratory protection must be worn.
Environmental exposure controls	Not regarded as dangerous for the environment.

9. Physical and Chemical Properties

Information on basic physical and chemical properties		
Appearance	Liquid.	
Color	Yellow. Brown.	
Odor	Mild hydrocarbon.	
Odor threshold	Not available.	
рН	Not available.	
Melting point	Not available.	
Initial boiling point and range	Not available.	
Flash point	226°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	0.8368	
Solubility(ies)	Not known.	
Partition coefficient	Not available.	
Auto-ignition temperature	Not available.	
Decomposition Temperature	Not available.	
Viscosity	32.3 cSt @ 40°C 7.2 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	250°C Cleveland open cup. [ASTM D 92]	
Pour point	-54°C [ASTM D 97]	

10. Stability and reactivity

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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	No specific material or group of materials is likely to react with the product to produce a hazardous situation.	
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.	
11. Toxicological information		
Information on toxicological ef	fects	
Toxicological effects	Not regarded as a health hazard under current legislation.	
Acute toxicity - oral Notes (oral LD₅o)	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.	
Acute toxicity - inhalation Notes (inhalation LC <sub>50</sub> )	Based on available data the classification criteria are not met.	
Skin corrosion/irritation Animal data	Based on available data the classification criteria are not met.	
Serious eye damage/irritation Serious eye damage/irritation	Based on available data the classification criteria are not met.	
Respiratory sensitization Respiratory sensitization	Based on available data the classification criteria are not met.	
Skin sensitization Skin sensitization	Based on available data the classification criteria are not met.	
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 - single exposure		
STOT - single exposure	Not classified as a specific target organ toxicant after a single exposure.	

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Specific target organ toxicity - repeated exposure		
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	No specific health hazards known. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.	
Inhalation	Prolonged inhalation of high concentrations may damage respiratory system.	
Ingestion	Gastrointestinal symptoms, including upset stomach. Fumes from the stomach contents may be inhaled, resulting in the same symptoms as inhalation.	
Skin Contact	Prolonged contact may cause dryness of the skin.	
Eye contact	May cause temporary eye irritation.	
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.

#### Hydrogenated base oil

Acute toxicity - oral	
Notes (oral LD₅₀)	LD₅₀ > 5000 mg/kg, Oral, Rat Read-across data. REACH dossier information.
Acute toxicity - dermal	
Notes (dermal LD₅₀)	$LD_{50}$ > 5000 mg/kg, Dermal, Rabbit Read-across data. REACH dossier information.
Acute toxicity - inhalation	
Notes (inhalation $LC_{50}$ )	$LC_{50}$ > 5.53 mg/l, Inhalation, Rat 4 hours Read-across data. REACH dossier information.
Skin corrosion/irritation	
Animal data	Dose: 0.5 ml, 24 hours, Rabbit Erythema/eschar score: Very slight erythema - barely perceptible (1). Edema score: No oedema (0). Read-across data. REACH dossier information. Not irritating.
Serious eye damage/irritat	lion
Serious eye damage/irritation	Dose: 0.1 ml, 30 seconds, Rabbit Cornea score: 0 Iris score: 0 Conjunctivae score: 0.33 Read-across data. REACH dossier information.
Skin sensitization	
Skin sensitization	Buehler test - Guinea pig: Not sensitizing. Read-across data. REACH dossier information.
Germ cell mutagenicity	
Genotoxicity - in vitro	Chromosome aberration: Negative. Read-across data. REACH dossier information.
Reproductive toxicity	
Reproductive toxicity - fertility	Screening - NOAEL > 1000 mg/kg/day, Oral, Rat P Read-across data. REACH dossier information.
Specific torget organ toxici	ity reported experience

Specific target organ toxicity - repeated exposure

STOT - repeated exposure	LOAEL 125 mg/kg/day, Oral, Rat Read-across data. REACH dossier information
Aspiration hazard	
Aspiration hazard	Aspiration hazard if swallowed.
Dec-1-ene	e, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated
Acute toxicity - oral	
Notes (oral LD₅₀)	LD₅₀ >5000 mg/kg, Oral, Rat REACH dossier information. Based on available da the classification criteria are not met.
Acute toxicity - dermal	
Notes (dermal LD₅₀)	LD₅₀ >2000 mg/kg, Dermal, Rat REACH dossier information. Based on available data the classification criteria are not met.
Acute toxicity - inhalation	
Notes (inhalation $LC_{50}$ )	$LC_{50}$ >5.2 mg/l, Inhalation, Rat REACH dossier information. Based on available of the classification criteria are not met.
Skin corrosion/irritation	
Animal data	Dose: 0.5 mL, 24 hours, Rabbit Erythema/eschar score: No erythema (0). Edema score: No oedema (0). Primary dermal irritation index: 0.5 REACH dossier information. Based on available data the classification criteria are not met.
Serious eye damage/irritati	on
Serious eye damage/irritation	Dose: 0.1 mL, 72 hours, Rabbit Not irritating. REACH dossier information. Basec available data the classification criteria are not met.
Skin sensitization	
Skin sensitization	Guinea pig maximization test (GPMT) - Guinea pig: Not sensitizing. REACH dos information. Based on available data the classification criteria are not met.
Germ cell mutagenicity	
Genotoxicity - in vitro	Gene mutation: Negative. REACH dossier information. Based on available data classification criteria are not met.
Genotoxicity - in vivo	Chromosome aberration: Negative. REACH dossier information. Based on availad data the classification criteria are not met.
Reproductive toxicity	
Reproductive toxicity - fertility	One-generation study - NOAEL 1000 mg/kg/day, Oral, Rat P REACH dossier information. Based on available data the classification criteria are not met.
Aspiration hazard	
Aspiration hazard	Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomitin may cause chemical pneumonitis.
ical Information	
-	rded as dangerous for the environment. However, large or frequent spills may hav us effects on the environment.
	n available data the classification criteria are not met.

Ecological information on ingredients.

#### Hydrogenated base oil

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	Acute aquatic toxi	it <u>y</u>
	Acute toxicity - fis	$LL_{50}$ , 96 hours: > 100 mg/l, Pimephales promelas (Fat-head Minnow)
	Acute toxicity - aq invertebrates	atic EL₅₀, 48 hours: > 10000 mg/l, Daphnia magna
	Acute toxicity - aq plants	atic NOEL, 72 hours: > 100 mg/l, Pseudokirchneriella subcapitata
	Ī	ec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated
	Toxicity	Based on available data the classification criteria are not met. Aquatic toxicity is unlikely to occur.
	Acute aquatic toxi	t <u>y</u>
	Acute toxicity - fis	LL₅₀, 96 hours: >1000 mg/l, Oncorhynchus mykiss (Rainbow trout)
	Acute toxicity - aq invertebrates	atic EL₅o, 48 hours: >1000 mg/l, Daphnia magna
	Acute toxicity - aq plants	atic EL₅₀, 72 hours: >1000 mg/l, Selenastrum capricornutum
	Acute toxicity - microorganisms	NOEC, 28 days: 2 mg/l, Activated sludge
	Chronic aquatic to	icity
	Chronic toxicity - a invertebrates	uatic NOELR, 21 days: 125 mg/l, Daphnia magna
Persistence	e and degradability	
Persistence	e and degradability	he degradability of the product is not known.
Ecological i	information on ingre	ients.
		Hydrogenated base oil
	Biodegradation	Water - Degradation 31%: 28 days Inherently biodegradable.
	Ĩ	ec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated
	Persistence and	Not readily biodegradable.
	degradability	
	degradability Biodegradation	Water - Degradation 2%: 28 days
Bioaccumu	• •	Water - Degradation 2%: 28 days
	Biodegradation	Water - Degradation 2%: 28 days
	Biodegradation lative potential ulative Potential	
Bio-Accum Partition co	Biodegradation lative potential ulative Potential	No data available on bioaccumulation.
Bio-Accum Partition co	Biodegradation lative potential ulative Potential efficient information on ingre	No data available on bioaccumulation.
Bio-Accum Partition co	Biodegradation lative potential ulative Potential efficient information on ingre	No data available on bioaccumulation. Not available. I <u>ents.</u> ec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated
Bio-Accum Partition co	Biodegradation lative potential ulative Potential efficient information on ingre	No data available on bioaccumulation. Not available. Tents. ec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated

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Mobility	No data available.
Ecological information on ingre	edients.
	Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated
Mobility	The product is insoluble in water.
Surface tension	27-29 mN/m @ 20°C
Other adverse effects	
Other adverse effects	None known.
13. Disposal considerations	
Waste treatment methods	
General information	The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.
Disposal methods	Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste packaging should be collected for reuse or recycling. Incineration or landfill should only be considered when recycling is not feasible. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of the local water authority.
14. Transport information	
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT, TDG).
UN Number	
Not applicable.	
UN proper shipping name	
Not applicable.	
Transport hazard class(es)	
<b>Transport labels</b> No transport warning sign requ	uired.
Packing group	
Not applicable.	
Environmental hazards	
Environmentally Hazardous So No.	ubstance
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

Regulatory ReferencesOSHA Hazard Communication Standard 29 CFR §1910.1200 Hazardous Products Regulation<br/>(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 The following ingredients are listed or exempt: Sulfur dioxide

EPCRA 302 TPQ 500 lbs Tier II TPQ 500 lbs

#### CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

The following ingredients are listed or exempt:

Ethylbenzene

Final CERCLA RQ: 1000(454) pounds (Kilograms)

*Xylene* Final CERCLA RQ: 100(45.4) pounds (Kilograms)

Butan-1-ol Final CERCLA RQ: 5000(2270) pounds (Kilograms)

Phosphoric acid Final CERCLA RQ: 5000(2270) pounds (Kilograms)

Naphthalene Final CERCLA RQ: 100(45.4) pounds (Kilograms)

Ethyl acrylate Final CERCLA RQ: 1000(454) pounds (Kilograms)

Toluene Final CERCLA RQ: 1000(454) pounds (Kilograms)

Benzene Final CERCLA RQ: 10(4.54) pounds (Kilograms)

#### SARA Extremely Hazardous Substances EPCRA Reportable Quantities

The following ingredients are listed or exempt:

Sulfur dioxide EPCRA RQ: 500 lbs

#### SARA 313 Emission Reporting

The following ingredients are listed or exempt:

Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated 1.0 %

*Ethylbenzene* 0.1 %

*Xylene* 0.1 % 1.0 %

*Butan-1-ol* 1.0 %



Naphthalene 0.1 % Ethyl acrylate 0.1 % Toluene 1.0 % Benzene 0.1 %

CAA Accidental Release Prevention The following ingredients are listed or exempt: *Sulfur dioxide* Threshold Quantity: 5000 lbs

SARA (311/312) Hazard Categories None of the ingredients are listed or exempt.

**OSHA Highly Hazardous Chemicals** The following ingredients are listed or exempt:

Sulfur dioxide Threshold Quantity: 1000 lbs

#### **US State Regulations**

California Proposition 65 Carcinogens and Reproductive Toxins The following ingredients are listed or exempt: *Ethylbenzene* 

Known to the State of California to cause cancer.

Sulfur dioxide

Known to the State of California to cause developmental and reproductive toxicity.

*Naphthalene* Known to the State of California to cause cancer.

*Ethyl acrylate* Known to the State of California to cause cancer.

Trimethyl phosphate

Known to the State of California to cause cancer.

Toluene

Known to the State of California to cause developmental and female reproductive toxicity.

Benzene

Known to the State of California to cause cancer, developmental and male reproductive toxicity.

#### California Air Toxics "Hot Spots" (A-I)

The following ingredients are listed or exempt:

Ethylbenzene Xylene Butan-1-ol Phosphoric acid Naphthalene

Ethyl acrylate



Trimethyl phosphate

Toluene

Benzene

## California Air Toxics "Hot Spots" (A-II)

None of the ingredients are listed or exempt.

#### California Directors List of Hazardous Substances

The following ingredients are listed or exempt:

Ethylbenzene

Xylene

Butan-1-ol

Phosphoric acid

Sulfur dioxide

Octane

Nonane

Naphthalene

Ethyl acrylate

Toluene

Benzene

#### Massachusetts "Right To Know" List

The following ingredients are listed or exempt:

Ethylbenzene

Xylene

Butan-1-ol

Phosphoric acid

Sulfur dioxide

Octane

Nonane

Naphthalene

Ethyl acrylate

Trimethyl phosphate

Toluene

Benzene

Hydrogenated base oil

#### Rhode Island "Right To Know" List

The following ingredients are listed or exempt:

Ethylbenzene

Xylene

Butan-1-ol

Phosphoric acid

Sulfur dioxide



Octane

Nonane

Naphthalene

Ethyl acrylate

Toluene

Benzene

#### Minnesota "Right To Know" List

The following ingredients are listed or exempt:

Ethylbenzene

**Xylene** 

Butan-1-ol

Phosphoric acid

Sulfur dioxide

Octane

Nonane

Naphthalene

Ethyl acrylate

Toluene

Benzene

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

The following ingredients are listed or exempt:

Ethylbenzene

Xylene

Butan-1-ol

Phosphoric acid

Sulfur dioxide

Octane

Nonane

Naphthalene

Ethyl acrylate

Toluene

Benzene

## Pennsylvania "Right To Know" List

The following ingredients are listed or exempt:

Ethylbenzene

Xylene

Butan-1-ol

Phosphoric acid

Sulfur dioxide

Octane



Naphthalene

Ethyl acrylate

Toluene

Benzene

#### 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

The following ingredients are listed or exempt:

Nonane

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.
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	12/4/2017
SDS No.	6531
Hazard statements in full	H304 May be fatal if swallowed and enters airways.

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.