



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 numbe | <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 | |

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

| 3. Composition/information of | on ingredients | |
|--|---|-----|
| Mixtures | | |
| Hydrogenated base oil | 25 - <50 |)% |
| CAS number: 72623-87-1 | | |
| Classification Asp. Tox. 1 - H304 | | |
| Dec-1-ene, homopolymer, l oligomers, hydrogenated | nydrogenated Dec-1-ene, 10 - <25 | ;% |
| CAS number: 68037-01-4 | | |
| Classification Asp. Tox. 1 - H304 | | |
| Hydrogenated base oil CAS number: 64742-55-8 | 1 - <2.5 | ;% |
| Classification Asp. Tox. 1 - H304 | | |
| The full text for all hazard sta | atements 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 measured | ures | |
| General information | Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medic personnel. | cal |
| Inhalation | 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. | |
| Ingestion | Rinse mouth thoroughly with water. Remove any dentures. 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. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. | |
| Skin Contact | Remove affected person from source of contamination. Rinse immediately with plenty of water. | |
| Eye contact | Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes. | |
| Protection of first aiders | First aid personnel should wear appropriate protective equipment during any rescue. | |
| Most important symptoms an | nd 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 | Prolonged inhalation of high concentrations may damage respiratory system. | |
| Ingestion | Gastrointestinal symptoms, including upset stomach. Fumes from the stomach contents ma be inhaled, resulting in the same symptoms as inhalation. | iy |

| Skin contact Prolonged contact may cause dryness of the skin. | |
|--|---------|
| Eye contactMay cause temporary eye irritation. | |
| Indication of immediate medical 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, du powder or water fog. Use fire-extinguishing media suitable for the surrounding fire. | У |
| Unsuitable extinguishingDo not use water jet as an extinguisher, as this will spread the fire.media | |
| Special hazards arising from the substance or mixture | |
| Specific hazards Containers can burst violently or explode when heated, due to excessive pressure build | -up. |
| Hazardous combustionThermal decomposition or combustion products may include the following substances:productsHarmful gases or vapors. | |
| Advice for firefighters | |
| Protective actions during firefightingAvoid breathing fire gases or vapors. Evacuate area. Cool containers exposed to heat w water spray and remove them from the fire area if it can be done without risk. Cool con exposed to flames with water until well after the fire is out. If a leak or spill has not ignite water spray to disperse vapors and protect men stopping the leak. | tainers |
| Special protective equipment for firefightersWear positive-pressure self-contained breathing apparatus (SCBA) and appropriate pro- clothing. Standard Firefighter's clothing including helmets, protective boots and gloves, provides a basic level of protection during chemical incidents is defined by the Canada Occupational Health and Safety Regulations, by provincial guidelines on occupational he and safety or by NFPA standards if applicable. | that |
| 6. Accidental release measures | |
| Personal precautions, protective equipment and emergency procedures | |
| Personal precautions No action shall be taken without appropriate training or involving any personal risk. Kee unnecessary and unprotected personnel away from the spillage. Wear protective clothin 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 containment and cleaning up | |
| Methods for cleaning up Wear protective clothing as described in Section 8 of this safety data sheet. Clear up sp 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 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. | |
| | |

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 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, in | cluding 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/persona | I protection |
| Control parameters | |
| Occupational exposure limits | |
| 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. |
| Under conditions which may g Long-term exposure limit (8-hd | penerate mists, the following exposure limits are recommended: our TWA): 5 mg/m³ |

Short-term exposure limit (8-nour 1 WA): 5 mg/m³

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 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. |
|---------------------------------|--|
| 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 | | |

| 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 eff | fects | |
| Toxicological effects | Not regarded as a health hazard under current legislation. | |
| Acute toxicity - oral Notes (oral LD₅₀) | Based on available data the classification criteria are not met. | |
| Acute toxicity - dermal Notes (dermal LD₅₀) | Based on available data the classification criteria are not met. | |
| Acute toxicity - inhalation Notes (inhalation LC ₅₀) | 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 | |

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

| 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. | |

Specific target organ toxicity - repeated exposure

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 | ion |
| 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 target organ toxici | tv - repeated exposure |

Specific target organ toxicity - repeated exposure

| STOT - repeated exposu | re LOAEL 125 mg/kg/day, Oral, Rat Read-across data. REACH dossier information. |
|-----------------------------------|---|
| Aspiration hazard | |
| Aspiration hazard | Aspiration hazard if swallowed. |
| Dec-1-e | ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated |
| Acute toxicity - oral | |
| Notes (oral LD₅o) | LD₅₀ >5000 mg/kg, Oral, Rat REACH dossier information. Based on available data 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 - inhalatior | <u>1</u> |
| Notes (inhalation LC_{50}) | LC₅₀ >5.2 mg/l, Inhalation, Rat REACH dossier information. Based on available data 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/irrit | ation |
| Serious eye damage/irritation | Dose: 0.1 mL, 72 hours, Rabbit Not irritating. REACH dossier information. Based on available data the classification criteria are not met. |
| Skin sensitization | |
| Skin sensitization | Guinea pig maximization test (GPMT) - Guinea pig: Not sensitizing. REACH dossier 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 the classification criteria are not met. |
| Genotoxicity - in vivo | Chromosome aberration: Negative. REACH dossier information. Based on available 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 vomiting may cause chemical pneumonitis. |
| logical Information | |
| = | garded as dangerous for the environment. However, large or frequent spills may have dous effects on the environment. |
| Based | on available data the classification criteria are not met. |

Ecological information on ingredients.

Hydrogenated base oil

| Acute aquatic toxic | ty |
|--|---|
| Acute toxicity - fish | LL₅₀, 96 hours: > 100 mg/l, Pimephales promelas (Fat-head Minnow) |
| Acute toxicity - aqua invertebrates | atic EL₅₀, 48 hours: > 10000 mg/l, Daphnia magna |
| Acute toxicity - aqua plants | atic NOEL, 72 hours: > 100 mg/l, Pseudokirchneriella subcapitata |
| De | 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 toxic | t <u>y</u> |
| Acute toxicity - fish | LL₅₀, 96 hours: >1000 mg/l, Oncorhynchus mykiss (Rainbow trout) |
| Acute toxicity - aqua invertebrates | atic EL₅₀, 48 hours: >1000 mg/l, Daphnia magna |
| Acute toxicity - aqua plants | atic EL₅₀, 72 hours: >1000 mg/l, Selenastrum capricornutum |
| Acute toxicity - microorganisms | NOEC, 28 days: 2 mg/l, Activated sludge |
| Chronic aquatic tox | icity |
| Chronic toxicity - ac invertebrates | uatic NOELR, 21 days: 125 mg/l, Daphnia magna |
| Persistence and degradability | |
| Persistence and degradability | he degradability of the product is not known. |
| Ecological information on ingredi | ents. |
| | Hydrogenated base oil |
| Biodegradation | Water - Degradation 31%: 28 days Inherently biodegradable. |
| De | ec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated |
| Persistence and degradability | Not readily biodegradable. |
| Biodegradation | Water - Degradation 2%: 28 days |
| Bioaccumulative potential | |
| Bio-Accumulative Potential | lo data available on bioaccumulation. |
| Partition coefficient | Not available. |
| Ecological information on ingredi | ents. |
| De | ec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated |
| Partition coefficient | log Pow: >6.5 |
| Mobility in soil | |

| Mobility | No data available. | |
|--|---|--|
| Ecological information on ingredients. | | |
| | 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) | | |
| Transport labels No transport warning sign required. | | |
| Packing group | | |
| Not applicable. | | |
| Environmental 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 **Regulatory References** OSHA Hazard Communication Standard 29 CFR §1910.1200 Hazardous Products Regulation (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) **Xvlene** 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

Nonane

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.