SAFETY DATA SHEET
AMSOIL Synthetic Power Steering Fluid


1. Identification

<table>
<thead>
<tr>
<th>Product identifier</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Product name</td>
<td>AMSOIL Synthetic Power Steering Fluid</td>
</tr>
<tr>
<td>Product number</td>
<td>PSF</td>
</tr>
</tbody>
</table>

Recommended use of the chemical and restrictions on use

<table>
<thead>
<tr>
<th>Application</th>
<th>Power Steering Fluid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uses advised against</td>
<td>No specific uses advised against are identified.</td>
</tr>
</tbody>
</table>

Details of the supplier of the safety data sheet

<table>
<thead>
<tr>
<th>Supplier</th>
<th>AMSOIL INC.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bordner, Ladner, Gervais</td>
<td></td>
</tr>
<tr>
<td>Scotia Plaza, 40 King St W</td>
<td></td>
</tr>
<tr>
<td>Toronto, ON, Canada M5H 3Y4</td>
<td></td>
</tr>
<tr>
<td>T: +1 416-367-6547</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>AMSOIL INC.</th>
</tr>
</thead>
<tbody>
<tr>
<td>One AMSOIL Center, Superior, WI 54880, USA.</td>
<td></td>
</tr>
<tr>
<td>T: +1 715-392-7101</td>
<td></td>
</tr>
<tr>
<td><a href="mailto:compliance@amsoil.com">compliance@amsoil.com</a></td>
<td></td>
</tr>
</tbody>
</table>

Emergency telephone number

<table>
<thead>
<tr>
<th>Emergency telephone</th>
<th>CHEMTREC: Within USA and Canada: 1-800-424-9300</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Outside the USA and Canada: +1 703-741-5970 (collect calls accepted) 24/7</td>
</tr>
</tbody>
</table>

2. Hazard(s) identification

Classification of the substance or mixture

<table>
<thead>
<tr>
<th>OSHA/WHMIS Regulatory Status</th>
<th>This Product is not Hazardous under the OSHA Hazard Communication Standard and according to the hazard criteria of the Hazardous Product Regulations.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical hazards</td>
<td>Not Classified</td>
</tr>
<tr>
<td>Health hazards</td>
<td>Not Classified</td>
</tr>
<tr>
<td>Environmental hazards</td>
<td>Not Classified</td>
</tr>
</tbody>
</table>

Label elements

<table>
<thead>
<tr>
<th>Hazard statements</th>
<th>NC Not Classified</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Supplemental label information</th>
<th>AT(i) 3.9421% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity.</th>
</tr>
</thead>
</table>

Other hazards

This product does not contain any substances classified as PBT or vPvB.
### 3. Composition/Information on ingredients

#### Mixtures

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Percentage</th>
<th>Classification</th>
<th>CAS number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogenated base oil</td>
<td>25 - &lt;50%</td>
<td>Asp. Tox. 1 - H304</td>
<td>72623-87-1</td>
</tr>
<tr>
<td>Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated</td>
<td>10 - &lt;25%</td>
<td>Asp. Tox. 1 - H304</td>
<td>68037-01-4</td>
</tr>
<tr>
<td>Hydrogenated base oil</td>
<td>1 - &lt;2.5%</td>
<td>Asp. Tox. 1 - H304</td>
<td>64742-55-8</td>
</tr>
</tbody>
</table>

The exact percentage is withheld as a trade secret in accordance with 29 CFR 1910.1200.

The full text for all hazard statements is displayed in Section 16.

### 4. First-aid measures

#### Description of first aid measures

**General information**

Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.

**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 and 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 may be inhaled, resulting in the same symptoms as inhalation.
**AMSOIL Synthetic Power Steering Fluid**

**Skin contact**  
Prolonged contact may cause dryness of the skin.

**Eye contact**  
May 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

<table>
<thead>
<tr>
<th><strong>Extinguishing media</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Suitable extinguishing media</strong></td>
</tr>
<tr>
<td><strong>Unsuitable extinguishing media</strong></td>
</tr>
</tbody>
</table>

**Special hazards arising from the substance or mixture**

<table>
<thead>
<tr>
<th><strong>Specific hazards</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Containers can burst violently or explode when heated, due to excessive pressure build-up.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Hazardous combustion products</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.</td>
</tr>
</tbody>
</table>

**Advice for firefighters**

<table>
<thead>
<tr>
<th><strong>Protective actions during firefighting</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Special protective equipment for firefighters</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
</tbody>
</table>

### 6. Accidental release measures

<table>
<thead>
<tr>
<th><strong>Personal precautions, protective equipment and emergency procedures</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Personal precautions</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Environmental precautions</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental precautions</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Methods and material for containment and cleaning up</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Methods for cleaning up</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Reference to other sections</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference to other sections</td>
</tr>
</tbody>
</table>

### 7. Handling and storage
AMSOIL Synthetic Power Steering Fluid

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, 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)
The identified uses for this product are detailed in Section 1.

8. Exposure Controls/personal protection

Control parameters

Occupational exposure limits
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 generate mists, the following exposure limits are recommended:

Long-term exposure limit (8-hour TWA):  5 mg/m³
Short-term exposure limit (15-minute):  10 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.
**AMSOIL Synthetic Power Steering Fluid**

### 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**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance</strong></td>
<td>Liquid</td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>Yellow. Brown.</td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>Mild hydrocarbon.</td>
</tr>
<tr>
<td><strong>Odor threshold</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Melting point</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Initial boiling point and range</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Flash point</strong></td>
<td>226°C Cleveland open cup. [ASTM D 92]</td>
</tr>
<tr>
<td><strong>Evaporation rate</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Upper/lower flammability or explosive limits</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Vapor pressure</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Vapor density</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Relative density</strong></td>
<td>0.8368</td>
</tr>
<tr>
<td><strong>Solubility(ies)</strong></td>
<td>Not known.</td>
</tr>
<tr>
<td><strong>Partition coefficient</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Auto-ignition temperature</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Decomposition Temperature</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Viscosity</strong></td>
<td>32.3 cSt @ 40°C</td>
</tr>
<tr>
<td></td>
<td>7.2 cSt @ 100°C</td>
</tr>
<tr>
<td></td>
<td>[ASTM D 445]</td>
</tr>
<tr>
<td><strong>Explosive properties</strong></td>
<td>Not considered to be explosive.</td>
</tr>
<tr>
<td><strong>Oxidizing properties</strong></td>
<td>Does not meet the criteria for classification as oxidizing.</td>
</tr>
<tr>
<td><strong>Fire point</strong></td>
<td>250°C Cleveland open cup. [ASTM D 92]</td>
</tr>
<tr>
<td><strong>Pour point</strong></td>
<td>-54°C [ASTM D 97]</td>
</tr>
</tbody>
</table>

### 10. Stability and reactivity
### AMSOIL Synthetic Power Steering Fluid

#### 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

<table>
<thead>
<tr>
<th>Toxicological effects</th>
<th>Information on toxicological effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - oral</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Notes (oral LD₅₀)</td>
<td></td>
</tr>
<tr>
<td>Acute toxicity - dermal</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Notes (dermal LD₅₀)</td>
<td></td>
</tr>
<tr>
<td>Acute toxicity - inhalation</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Notes (inhalation LC₅₀)</td>
<td></td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Animal data</td>
<td></td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Genotoxicity - in vitro</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>IARC carcinogenicity</td>
<td>None of the ingredients are listed or exempt.</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Reproductive toxicity - fertility</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Reproductive toxicity - development</td>
<td>Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Specific target organ toxicity - single exposure</td>
<td>Not classified as a specific target organ toxicant after a single exposure.</td>
</tr>
</tbody>
</table>
AMSOIL Synthetic Power Steering Fluid

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
LD₅₀ > 5000 mg/kg, Oral, Rat Read-across data. REACH dossier information.

Acute toxicity - dermal
LD₅₀ > 5000 mg/kg, Dermal, Rabbit Read-across data. REACH dossier information.

Acute toxicity - inhalation
LC₅₀ > 5.53 mg/l, Inhalation, Rat 4 hours Read-across data. REACH dossier information.

Skin corrosion/irritation
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/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
Buehler test - Guinea pig: Not sensitizing. Read-across data. REACH dossier information.

Germ cell mutagenicity
Chromosome aberration: Negative. Read-across data. REACH dossier information.

Reproductive toxicity
Screening - NOAEL > 1000 mg/kg/day, Oral, Rat P Read-across data. REACH dossier information.
AMSOIL Synthetic Power Steering Fluid

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, 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 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 - inhalation
Notes (inhalation LC₅₀)  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/irritation
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.

12. Ecological Information

Ecotoxicity  Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

Toxicity  Based on available data the classification criteria are not met.

Ecological information on ingredients.

Hydrogenated base oil
AMSOIL Synthetic Power Steering Fluid

**Acute aquatic toxicity**
- **Acute toxicity - fish**  
  LL₅₀, 96 hours: >100 mg/l, Pimephales promelas (Fat-head Minnow)
- **Acute toxicity - aquatic invertebrates**  
  EL₅₀, 48 hours: >10000 mg/l, Daphnia magna
- **Acute toxicity - aquatic plants**  
  NOEL, 72 hours: > 100 mg/l, Pseudokirchneriella subcapitata

**Dec-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 toxicity**
- **Acute toxicity - fish**  
  LL₅₀, 96 hours: >1000 mg/l, Oncorhynchus mykiss (Rainbow trout)
- **Acute toxicity - aquatic invertebrates**  
  EL₅₀, 48 hours: >1000 mg/l, Daphnia magna
- **Acute toxicity - aquatic plants**  
  EL₅₀, 72 hours: >1000 mg/l, Selenastrum capricornutum
- **Acute toxicity - microorganisms**  
  NOEC, 28 days: 2 mg/l, Activated sludge

**Chronic aquatic toxicity**
- **Chronic toxicity - aquatic invertebrates**  
  NOELR, 21 days: 125 mg/l, Daphnia magna

**Persistence and degradability**
- **The degradability of the product is not known.**

**Ecological information on ingredients.**

**Hydrogenated base oil**

**Biodegradation**
- Water - Degradation 31%: 28 days
  Inherently biodegradable.

**Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated**

**Persistence and degradability**
- Not readily biodegradable.

**Biodegradation**
- Water - Degradation 2%: 28 days

**Bioaccumulative potential**
- No data available on bioaccumulation.

**Partition coefficient**
- Not available.

**Ecological information on ingredients.**

**Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated**

**Partition coefficient**
- log Pow: >6.5

**Mobility in soil**
AMSOIL Synthetic Power Steering Fluid

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
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)
No transport warning sign required.

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.
AMSOIL Synthetic Power Steering Fluid

Transport in bulk according to Not applicable.
Annex II of MARPOL 73/78
and the IBC Code

15. Regulatory information

Regulatory References

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 %
AMSOIL Synthetic Power Steering Fluid

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
AMSOL Synthetic Power Steering Fluid

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
AMSOIL Synthetic Power Steering Fluid

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
Octane
AMSOIL Synthetic Power Steering Fluid

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

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.