SAFETY DATA SHEET

OE Fuel-Efficient Synthetic Automatic Transmission Fluid


1. Identification

<table>
<thead>
<tr>
<th>Product identifier</th>
<th>OE Fuel-Efficient Synthetic Automatic Transmission Fluid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product number</td>
<td>OTL</td>
</tr>
</tbody>
</table>

**Recommended use of the chemical and restrictions on use**

- Application: Transmission fluid.
- Uses advised against: Avoid the formation of mists.

**Details of the supplier of the safety data sheet**

<table>
<thead>
<tr>
<th>Supplier</th>
<th>AMSOIL INC.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bordner, Ladner, Gervais</td>
</tr>
<tr>
<td></td>
<td>Scotia Plaza, 40 King St W</td>
</tr>
<tr>
<td></td>
<td>Toronto, ON, Canada M5H 3Y4</td>
</tr>
<tr>
<td></td>
<td>T: +1 416-367-6547</td>
</tr>
<tr>
<td>Manufacturer</td>
<td>AMSOIL INC.</td>
</tr>
<tr>
<td></td>
<td>One AMSOIL Center,</td>
</tr>
<tr>
<td></td>
<td>Superior, WI 54880, USA.</td>
</tr>
<tr>
<td></td>
<td>T: +1 715-392-7101</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:compliance@amsoil.com">compliance@amsoil.com</a></td>
</tr>
</tbody>
</table>

**Emergency telephone number**

| 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 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>Aquatic Acute 3 - H402 Aquatic Chronic 3 - H412</td>
</tr>
</tbody>
</table>

**Label elements**

- Hazard statements: H412 Harmful to aquatic life with long lasting effects.
- Precautionary statements: P273 Avoid release to the environment. P501 Dispose of contents/ container in accordance with national regulations.

**Other hazards**

This product does not contain any substances classified as PBT or vPvB.
## OE Fuel-Efficient Synthetic Automatic Transmission Fluid

### 3. Composition/information on ingredients

#### Mixtures

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Percentage</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogenated base oil</td>
<td>25 - &lt;50%</td>
<td>Asp. Tox. 1 - H304</td>
</tr>
<tr>
<td>CAS number: 64742-55-8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hydrogenated base oil</td>
<td>2.5 - &lt;5%</td>
<td>Asp. Tox. 1 - H304</td>
</tr>
<tr>
<td>CAS number: 8042-47-5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acetamide, 2-hydroxy-, N,N-dicoco alkyl derivs.</td>
<td>0.5 - &lt;1%</td>
<td>Skin Sens. 1B - H317</td>
</tr>
<tr>
<td>CAS number: —</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C14-18 alpha-olefin epoxide, reaction products with boric acid</td>
<td>0.25 - &lt;0.5%</td>
<td>Skin Sens. 1B - H317</td>
</tr>
<tr>
<td>CAS number: —</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Benzene, polypropene derivatives, sulfonated, calcium salts</td>
<td>0.25 - &lt;0.5%</td>
<td>Eye Irrit. 2A - H319, Skin Sens. 1 - H317</td>
</tr>
<tr>
<td>CAS number: 75975-85-8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,2-Propanediol, 3-amino-, N,N-dicoco alkyl derivs.</td>
<td>0.25 - &lt;0.5%</td>
<td>Skin Sens. 1B - H317, Aquatic Chronic 3 - H412</td>
</tr>
<tr>
<td>CAS number: —</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
OE Fuel-Efficient Synthetic Automatic Transmission Fluid

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Concentration</th>
<th>CAS Number</th>
<th>M Factor (Acute)</th>
<th>M Factor (Chronic)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-(tert-Dodecylthio)propan-2-ol</td>
<td>0.25 - &lt;0.5%</td>
<td>67124-09-8</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino)diethanol</td>
<td>0.025 - &lt;0.25%</td>
<td>1218787-32-6</td>
<td>10</td>
<td>1</td>
</tr>
<tr>
<td>2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol</td>
<td>&lt;0.025%</td>
<td>95-38-5</td>
<td>10</td>
<td>1</td>
</tr>
<tr>
<td>Xylene</td>
<td>&lt;0.025%</td>
<td>1330-20-7</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Classification**

- **Skin Sens. 1 - H317**
- **Aquatic Acute 1 - H400**
- **Aquatic Chronic 1 - H410**

- **Acute Tox. 4 - H302**
- **Skin Corr. 1C - H314**
- **Eye Dam. 1 - H318**
- **Aquatic Acute 1 - H400**
- **Aquatic Chronic 1 - H410**

- **Flam. Liq. 3 - H226**
- **Acute Tox. 4 - H312**
- **Acute Tox. 4 - H332**
- **Skin Irrit. 2 - H315**
- **Eye Irrit. 2A - H319**
- **STOT SE 3 - H335**
- **STOT RE 2 - H373**
- **Asp. Tox. 1 - H304**
OE Fuel-Efficient Synthetic Automatic Transmission Fluid

<table>
<thead>
<tr>
<th>Ethylbenzene</th>
<th>&lt;0.025%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 100-41-4</td>
<td></td>
</tr>
</tbody>
</table>

**Classification**
- Flam. Liq. 2 - H225
- Acute Tox. 4 - H332
- STOT RE 2 - H373
- Asp. Tox. 1 - H304
- Aquatic Chronic 3 - H412

The full text for all hazard statements 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 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.

**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

**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.
OE Fuel-Efficient Synthetic Automatic Transmission Fluid

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

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 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 measures

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. Use protective equipment appropriate for surrounding materials.

Environmental precautions

Harmful to aquatic life with long lasting effects. Avoid discharge to the aquatic environment. 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. 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

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

### 8. Exposure Controls/personal 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.

**Xylene**
- Long-term exposure limit (8-hour TWA): OSHA 100 ppm 435 mg/m³
- Long-term exposure limit (8-hour TWA): ACGIH 100 ppm 434 mg/m³
- Short-term exposure limit (15-minute): ACGIH 150 ppm 651 mg/m³

**Ethylbenzene**
- Long-term exposure limit (8-hour TWA): OSHA 100 ppm 435 mg/m³
- Long-term exposure limit (8-hour TWA): ACGIH 20 ppm 87 mg/m³

OSHA = Occupational Safety and Health Administration.
ACGIH = American Conference of Governmental Industrial Hygienists.
A3 = Confirmed Animal Carcinogen with Unknown Relevance to Humans.
A4 = Not Classifiable as a Human Carcinogen.

**Ethylbenzene (CAS: 100-41-4)**

<table>
<thead>
<tr>
<th>Immediate danger to life and health</th>
<th>800 ppm</th>
</tr>
</thead>
</table>

**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.
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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
Keep container tightly sealed when not in use.

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>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Red</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild hydrocarbon</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not available</td>
</tr>
<tr>
<td>Initial boiling point and range</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash point</td>
<td>210°C Cleveland open cup. [ASTM D 92]</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Upper/lower flammability or</td>
<td>Not available</td>
</tr>
<tr>
<td>explosive limits</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not available</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.8463</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Not known</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>28.3 cSt @ 40°C</td>
</tr>
<tr>
<td></td>
<td>5.8 cSt @ 100°C</td>
</tr>
<tr>
<td></td>
<td>[ASTM D 445]</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not considered to be explosive.</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>Does not meet the criteria for classification as oxidizing.</td>
</tr>
<tr>
<td>Fire point</td>
<td>222°C Cleveland open cup. [ASTM D 92]</td>
</tr>
<tr>
<td>Pour point</td>
<td>-48°C [ASTM D 97]</td>
</tr>
</tbody>
</table>
OE Fuel-Efficient Synthetic Automatic Transmission Fluid

10. Stability and reactivity

| Reactivity | See the other subsections of this section for further details. |
| Stabilty | 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

| Toxicological effects | Information on toxicological effects |
| Acute toxicity - oral | Not regarded as a health hazard under current legislation. |
| Notes (oral LD₅₀) | Based on available data the classification criteria are not met. |
| Acute toxicity - dermal | Based on available data the classification criteria are not met. |
| Notes (dermal LD₅₀) | Based on available data the classification criteria are not met. |
| Acute toxicity - inhalation | Based on available data the classification criteria are not met. |
| Notes (inhalation LC₅₀) | Based on available data the classification criteria are not met. |
| Skin corrosion/irritation | Based on available data the classification criteria are not met. |
| Animal data | Based on available data the classification criteria are not met. |
| Serious eye damage/irritation | Based on available data the classification criteria are not met. |
| Respiratory sensitization | Based on available data the classification criteria are not met. |
| Skin sensitization | Based on available data the classification criteria are not met. |
| Germ cell mutagenicity | Based on available data the classification criteria are not met. |
| Genotoxicity - in vitro | Based on available data the classification criteria are not met. |
| Carcinogenicity | Based on available data the classification criteria are not met. |
| IARC carcinogenicity | None of the ingredients are listed or exempt. |
| Reproductive toxicity | Based on available data the classification criteria are not met. |
| 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 |
OE Fuel-Efficient Synthetic Automatic Transmission Fluid

**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**
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**

<table>
<thead>
<tr>
<th>Toxicity</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Acute toxicity - oral</strong></td>
<td>LD₅₀ &gt;5000 mg/kg, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td><strong>Acute toxicity - dermal</strong></td>
<td>LD₅₀ &gt;2000 mg/kg, Dermal, Rabbit REACH dossier information. Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td><strong>Acute toxicity - inhalation</strong></td>
<td>LC₅₀ 2.18 mg/l, Inhalation, Rat REACH dossier information. Based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td><strong>Skin corrosion/irritation</strong></td>
<td>Dose: 0.5 ml, 24 hours, Rabbit Primary dermal irritation index: 2.34 / 4 REACH dossier information. Not irritating.</td>
</tr>
<tr>
<td><strong>Serious eye damage/irritation</strong></td>
<td>Dose: 0.1 ml, 1 second, Rabbit REACH dossier information. Not irritating.</td>
</tr>
<tr>
<td><strong>Skin sensitization</strong></td>
<td>Buehler test - Guinea pig: Not sensitizing. REACH dossier information.</td>
</tr>
<tr>
<td><strong>Germ cell mutagenicity</strong></td>
<td>Chromosome aberration: Negative. REACH dossier information.</td>
</tr>
<tr>
<td><strong>Genotoxicity - in vitro</strong></td>
<td>Chromosome aberration: Negative. REACH dossier information.</td>
</tr>
<tr>
<td><strong>Reproductive toxicity</strong></td>
<td></td>
</tr>
</tbody>
</table>
OE Fuel-Efficient Synthetic Automatic Transmission Fluid

Reproductive toxicity - fertility
Screening - NOAEL ≥ 1000 mg/kg/day, Oral, Rat

Reproductive toxicity - development
Maternal toxicity: - LOAEL: 125 mg/kg/day, Dermal, Rat

12. Ecological Information

Toxicity
Harmful to aquatic life with long lasting effects.

Ecological information on ingredients.

Hydrogenated base oil

Toxicity
Aquatic toxicity is unlikely to occur.

Acute aquatic toxicity
Acute toxicity - fish
LL₅₀, 96 hours: > 100 mg/l, Pimephales promelas (Fat-head Minnow)
REACH dossier information.

Acute toxicity - aquatic invertebrates
LL₅₀, 24 hours: > 10 000 mg/l, Gammarus pulex
REACH dossier information.

Acute toxicity - aquatic plants
NOEL, 72 hours: ≥ 100 mg/l, Pseudokirchneriella subcapitata
REACH dossier information.

Acute toxicity - microorganisms
NOEL, 10 minutes: > 1.93 mg/l,
REACH dossier information.

Chronic aquatic toxicity
Chronic toxicity - aquatic invertebrates
NOEL, 21 days: 10 mg/l, Daphnia magna
REACH dossier information.

Persistence and degradability

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

Ecological information on ingredients.

Hydrogenated base oil

Persistence and degradability
The product is not biodegradable.

Biodegradation
Water - Degradation 2-8%: 28 days

Bioaccumulative potential

Bio-Accumulative Potential
No data available on bioaccumulation.

Partition coefficient
Not available.

Ecological information on ingredients.

Hydrogenated base oil

Bio-Accumulative Potential
The product contains potentially bioaccumulating substances.

Mobility

Mobility in soil
No data available.
OE Fuel-Efficient Synthetic Automatic Transmission Fluid

Hydrogenated base oil

Mobility
The product is insoluble in water.

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)
Not applicable.

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 Annex II of MARPOL 73/78 and the IBC Code
Not applicable.

15. Regulatory information
OE Fuel-Efficient Synthetic Automatic Transmission Fluid

**Regulatory References**

**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)**
The following ingredients are listed or exempt:

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

- **Ethylbenzene**
  Final CERCLA RQ: 1000(454) pounds (Kilograms)

**SARA Extremely Hazardous Substances EPCRA Reportable Quantities**
None of the ingredients are listed or exempt.

**SARA 313 Emission Reporting**
The following ingredients are listed or exempt:

- **Xylene**
  0.1 %
  1.0 %

- **Ethylbenzene**
  0.1 %

**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**
The following ingredients are listed or exempt:

- **Ethylbenzene**
  Known to the State of California to cause cancer.

**California Air Toxics "Hot Spots" (A-I)**
The following ingredients are listed or exempt:

- **Xylene**
- **Ethylbenzene**

**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:

- **Xylene**
- **Ethylbenzene**
OE Fuel-Efficient Synthetic Automatic Transmission Fluid

**Massachusetts "Right To Know" List**
The following ingredients are listed or exempt:
- Hydrogenated base oil
- Dibutyl phosphonate
- Xylene
- Ethylbenzene

**Rhode Island "Right To Know" List**
The following ingredients are listed or exempt:
- Xylene
- Ethylbenzene

**Minnesota "Right To Know" List**
The following ingredients are listed or exempt:
- Xylene
- Ethylbenzene

**New Jersey "Right To Know" List**
The following ingredients are listed or exempt:
- Xylene
- Ethylbenzene

**Pennsylvania "Right To Know" List**
The following ingredients are listed or exempt:
- Dibutyl phosphonate
- Xylene
- Ethylbenzene

**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
OE Fuel-Efficient Synthetic Automatic Transmission Fluid

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 the first issue.

Revision date

2/20/2018

SDS No.

7028

Hazard statements in full

H225 Highly flammable liquid and vapor.
H226 Flammable liquid and vapor.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H373 May cause damage to organs (Hearing organs) through prolonged or repeated exposure.
H373 May cause damage to organs (Central nervous system, Liver, Kidneys) through prolonged or repeated exposure.
H373 May cause damage to organs (Gastro-intestinal tract, Thymus) through prolonged or repeated exposure if swallowed.
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.