SAFETY DATA SHEET
Signature Series Max-Duty Synthetic SAE 5W-40 Diesel Oil


1. Identification

Product identifier
Product name Signature Series Max-Duty Synthetic SAE 5W-40 Diesel Oil
Product number DEO

Recommended use of the chemical and restrictions on use
Application Diesel oil.
Uses advised against Avoid the formation of mists.

Details of the supplier of the safety data sheet
Supplier AMSOIL INC.
Bordner, Ladner, Gervais
Scotia Plaza, 40 King St W
Toronto, ON, Canada M5H 3Y4
T: +1 416-367-6547

Manufacturer AMSOIL INC.
One AMSOIL Center,
Superior, WI 54880, USA.
T: +1 715-392-7101
compliance@amsoil.com

Emergency telephone number
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
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 Aquatic Acute 3 - H402

Label elements
Hazard statements H402 Harmful to aquatic life.

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.
# Signature Series Max-Duty Synthetic SAE 5W-40 Diesel Oil

## 3. Composition/information on ingredients

### Mixtures

<table>
<thead>
<tr>
<th>Component</th>
<th>Concentration</th>
<th>CAS Number</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogenated base oil</td>
<td>50 - 65%</td>
<td>72623-87-1</td>
<td>Asp. Tox. 1 - H304</td>
</tr>
<tr>
<td>Hydrogenated base oil</td>
<td>10 - 15%</td>
<td>64742-55-8</td>
<td>Asp. Tox. 1 - H304</td>
</tr>
<tr>
<td>Hydrogenated base oil</td>
<td>3 - &lt;5%</td>
<td>64742-65-0</td>
<td>Asp. Tox. 1 - H304</td>
</tr>
<tr>
<td>Hydrogenated base oil</td>
<td>1 - &lt;2.5%</td>
<td>64742-54-7</td>
<td>Asp. Tox. 1 - H304</td>
</tr>
<tr>
<td>bis(Nonylphenyl)amine</td>
<td>1 - &lt;2.5%</td>
<td>36878-20-3</td>
<td>Aquatic Chronic 4 - H413</td>
</tr>
<tr>
<td>Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts</td>
<td>1 - &lt;2.5%</td>
<td>70024-69-0</td>
<td>Skin Sens. 1B - H317</td>
</tr>
<tr>
<td>Alcohols, C12-16, ethoxylated</td>
<td>0.025 - &lt;0.25%</td>
<td>68551-12-2</td>
<td>M factor (Acute) = 1, Eye Dam. 1 - H318, Aquatic Acute 1 - H400</td>
</tr>
</tbody>
</table>
## Signature Series Max-Duty Synthetic SAE 5W-40 Diesel Oil

### 2,6-Di-tert-butyl-p-cresol

<table>
<thead>
<tr>
<th>CAS number: 128-37-0</th>
<th>M factor (Acute) = 1</th>
<th>M factor (Chronic) = 1</th>
</tr>
</thead>
</table>

**Classification**
- Aquatic Acute 1 - H400
- Aquatic Chronic 1 - H410

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

### Phenol, dodecyl-, branched

<table>
<thead>
<tr>
<th>CAS number: 121158-58-5</th>
<th>M factor (Acute) = 10</th>
<th>M factor (Chronic) = 10</th>
</tr>
</thead>
</table>

**Classification**
- Skin Corr. 1C - H314
- Eye Dam. 1 - H318
- Repr. 1B - H360F
- Aquatic Acute 1 - H400
- Aquatic Chronic 1 - H410

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. 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**
Wash skin thoroughly with soap and 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.
Signature Series Max-Duty Synthetic SAE 5W-40 Diesel Oil

Indication of immediate medical attention and special treatment needed

<table>
<thead>
<tr>
<th>Notes for the doctor</th>
<th>Treat symptomatically.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific treatments</td>
<td>No special treatment required.</td>
</tr>
</tbody>
</table>

5. Fire-fighting measures

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

Special hazards arising from the substance or mixture

<table>
<thead>
<tr>
<th>Specific hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Containers can burst violently or explode when heated, due to excessive pressure build-up. Contains Hydrocarbons. The product is immiscible with water and will spread on the water surface.</td>
</tr>
</tbody>
</table>

Hazardous combustion products

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

Advice for firefighters

<table>
<thead>
<tr>
<th>Protective actions during firefighting</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>Special protective equipment for firefighters</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>Personal precautions, protective equipment and emergency procedures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal precautions</td>
</tr>
<tr>
<td>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.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Environmental precautions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental precautions</td>
</tr>
<tr>
<td>Harmful to aquatic life. Avoid discharge to the aquatic environment. Large Spillages: Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Reference to other sections</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference to other sections</td>
</tr>
<tr>
<td>For personal protection, see Section 8. For waste disposal, see Section 13.</td>
</tr>
</tbody>
</table>

7. Handling and storage
Signature Series Max-Duty Synthetic SAE 5W-40 Diesel Oil

Precautions for safe handling

Usage precautions
Read and follow manufacturer’s recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Avoid contact with used product. Do not reuse empty containers.

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

2,6-Di-tert-butyl-p-cresol
Long-term exposure limit (8-hour TWA): ACGIH 2 mg/m³ inhalable fraction and vapor
A4
ACGIH = American Conference of Governmental Industrial Hygienists.
A4 = Not Classifiable as a Human Carcinogen.

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.
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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

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>Brown.</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>218°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 explosive limits</td>
<td>Not available.</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>0.8540</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>
</tbody>
</table>
Signature Series Max-Duty Synthetic SAE 5W-40 Diesel Oil

Viscosity

94.5 cSt @ 40°C
15.4 cSt @ 100°C

[ASTM D 445]

Explosive properties
Not considered to be explosive.

Oxidizing properties
Does not meet the criteria for classification as oxidizing.

Fire point
230°C Cleveland open cup. [ASTM D 92]

Pour point
-43°C [ASTM D 97]

10. Stability and reactivity

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

Stability
Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

Possibility of hazardous reactions
No potentially hazardous reactions known.

Conditions to avoid
There are no known conditions that are likely to result in a hazardous situation.

Materials to avoid
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 effects

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 LC₅₀)
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.
Signature Series Max-Duty Synthetic SAE 5W-40 Diesel Oil

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

Specific target organ toxicity - 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
Based on available data the classification criteria are not met.

General information
No specific health hazards known. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation
Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion
Gastrointestinal symptoms, including upset stomach. Fumes from the stomach contents may be inhaled, resulting in the same symptoms as inhalation.

Skin Contact
Prolonged contact may cause dryness of the skin.

Eye contact
May cause temporary eye irritation.

Route of exposure
Ingestion Inhalation Skin and/or eye contact

Target Organs
No specific target organs known.

Medical considerations
Skin disorders and allergies.

Toxicological information on ingredients.

Hydrogenated base oil

Acute toxicity - oral
Notes (oral LD₅₀)
LD₅₀ > 5000 mg/kg, Oral, Rat Read-across data. REACH dossier information.

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

Acute toxicity - inhalation
Notes (inhalation LC₅₀)
LC₅₀ > 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/irritation
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.
## Signature Series Max-Duty Synthetic SAE 5W-40 Diesel Oil

### 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.

### Genotoxicity - in vitro

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.

### Specific target organ toxicity - repeated exposure

STOT - repeated exposure: LOAEL 125 mg/kg/day, Oral, Rat Read-across data. REACH dossier information.

### Aspiration hazard

Aspiration hazard if swallowed.

### Acute toxicity - oral

\( \text{LD}_{50} > 5000 \text{ mg/kg} \), Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.

### Acute toxicity - dermal

\( \text{LD}_{50} > 2000 \text{ mg/kg} \), Dermal, Rabbit REACH dossier information. Based on available data the classification criteria are not met.

### Acute toxicity - inhalation

\( \text{LC}_{50} 2.18 \text{ mg/l} \), 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 Primary dermal irritation index: 2.34 / 4 REACH dossier information. Not irritating.

### Serious eye damage/irritation

Dose: 0.1 ml, 1 second, Rabbit REACH dossier information. Not irritating.

### Hydrogenated base oil

### 12. Ecological information
**Signature Series Max-Duty Synthetic SAE 5W-40 Diesel Oil**

**Toxicity**
Harmful to aquatic life.

**Ecological information on ingredients.**

**Hydrogenated base oil**

<table>
<thead>
<tr>
<th>Acute aquatic toxicity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - fish</td>
<td>LL₅₀, 96 hours: &gt; 100 mg/l, Pimephales promelas (Fat-head Minnow)</td>
</tr>
<tr>
<td>Acute toxicity - aquatic invertebrates</td>
<td>EL₅₀, 48 hours: &gt; 10000 mg/l, Daphnia magna</td>
</tr>
<tr>
<td>Acute toxicity - aquatic plants</td>
<td>NOEL, 72 hours: &gt; 100 mg/l, Pseudokirchneriella subcapitata</td>
</tr>
</tbody>
</table>

**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

**Chronic aquatic toxicity**

- **Chronic toxicity - aquatic invertebrates**: NOEL, 21 days: 10 mg/l, Daphnia magna

**Persistence and degradability**

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

**Ecological information on ingredients.**

**Hydrogenated base oil**

<table>
<thead>
<tr>
<th>Biodegradation</th>
<th>Water - Degradation 31%: 28 days</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Inherently biodegradable.</td>
</tr>
</tbody>
</table>

**Biodegradation**

- **Biodegradation**: Water - Degradation 31%: 28 days

**Bioaccumulative potential**

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

**Partition coefficient**

- **Partition coefficient**: Not available.
Signature Series Max-Duty Synthetic SAE 5W-40 Diesel Oil

**Hydrogenated base oil**

**Bio-Accumulative Potential**  The product contains potentially bioaccumulating substances.

**Mobility in soil**

**Mobility**  No data available.

**Ecological information on ingredients.**

**Hydrogenated base oil**

**Mobility**  The product is insoluble in water.

**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**

**UN No. (International)**  Not applicable.

**UN proper shipping name**

**Proper shipping name (International)**  Not applicable.

**Transport hazard class(es)**

**Transport labels**  No transport warning sign required.

**Packing group**

**Packing group (International)**  Not applicable.

**Environmental hazards**

**Environmentally Hazardous Substance**  No.

**Special precautions for user**  Not applicable.
Signature Series Max-Duty Synthetic SAE 5W-40 Diesel Oil

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

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)
None of the ingredients are listed or exempt.

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

SARA 313 Emission Reporting
The following ingredients are listed or exempt:
- Zinc O,O,O',O'-tetakis(1,3-dimethylbutyl) bis(phosphorodithioate) 1.0 %
- Zinc alkyldithiophosphate 1.0 %

CAA Accidental Release Prevention
None of the ingredients are listed or exempt.

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

OSHA Highly Hazardous Chemicals
None of the ingredients are listed or exempt.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins
None of the ingredients are listed or exempt.

California Air Toxics "Hot Spots" (A-I)
None of the ingredients are listed or exempt.

California Air Toxics "Hot Spots" (A-II)
None of the ingredients are listed or exempt.

California Directors List of Hazardous Substances
The following ingredients are listed or exempt:
- 2,6-Di-tert-butyl-p-cresol

Massachusetts "Right To Know" List
The following ingredients are listed or exempt:
- 2,6-Di-tert-butyl-p-cresol
Signature Series Max-Duty Synthetic SAE 5W-40 Diesel Oil

Hydrogenated base oil

Rhode Island "Right To Know" List
The following ingredients are listed or exempt:
2,6-Di-tert-butyl-p-cresol

Minnesota "Right To Know" List
The following ingredients are listed or exempt:
2,6-Di-tert-butyl-p-cresol

New Jersey "Right To Know" List
The following ingredients are listed or exempt:
2,6-Di-tert-butyl-p-cresol

Pennsylvania "Right To Know" List
The following ingredients are listed or exempt:
2,6-Di-tert-butyl-p-cresol

Inventories
Canada - DSL/NDSL
All the ingredients are listed or exempt.

US - TSCA
All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification
None of the ingredients are listed or exempt.

16. Other information

Abbreviations and acronyms used in the safety data sheet
C.A.S. = Chemical Abstracts Service; E.C. No = European Commission number; GHS = Globally Harmonised System; OSHA = Occupational Safety and Health Administration; WHMIS = Workplace Hazardous Materials Information System; DOT = Department of Transport; TDG = Transport of Dangerous Goods Regulations; IMDG = International Maritime Dangerous Goods; IATA = International Air Transport Association; SARA = Superfund Amendments and Reauthorization Act; CERCLA = Comprehensive Environmental; EPCRA = Emergency Planning and Community Right-to-Know Act; TSCA = Toxic Substances Control Act; LD/LC/EC = Lethal Dose/Lethal Concentration/Effect Concentration for 50% of population; NOEC = No Overall Effect Concentration; NOEL = No Overall Effect Level; REACH = Registration, Evaluation, Authorisation & Restriction of Chemicals; STOT-RE = Single Target Organ Toxicity - Repeat Exposure; STOT-SE= Specific Target Organ Toxicity - Single Exposure; PBT = Persistent, Bioaccumulative, Toxic; vPvB = Very Persistent, Very Bioaccumulative.

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
12/12/2018

SDS No.
8351
Signature Series Max-Duty Synthetic SAE 5W-40 Diesel Oil

Hazard statements in full

H304 May be fatal if swallowed and enters airways.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H360F May damage fertility.
H400 Very toxic to aquatic life.
H402 Harmful to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H413 May cause long lasting harmful effects to aquatic life.

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.