SECTION 1: Identification

1.1. Identification

Product form: Mixture
Name: VISCOSITY TUTELA Transaxle Fluid SAE 80W-140

1.2. Recommended use and restrictions on use

Use of the substance/mixture: Lubricants
Restrictions on use: No additional information available

1.3. Supplier

Supplier: Viscosity Oil Company
600 H Joliet Road
Willowbrook, IL 60527
T 630-850-4000 - F 630-850-4022

Importer: Viscosity Oil Company
1918 Boul.Saint-Regis
Dorval, QC H9P 1H6 - Canada

1.4. Emergency telephone number

Emergency number: (800) 424-9300
CHEMTREC (24 HOURS)

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS classification: Not classified

2.2. GHS Label elements, including precautionary statements

GHS labeling: No labeling applicable

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS)

0.1% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)
0.1% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)
0.1% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>% (w/w)</th>
<th>GHS classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated heavy paraffinic (DMSO &lt; 3%) (KV &gt; 20.5 cSt)</td>
<td>CAS-No.: 64742-54-7</td>
<td>60 - 100</td>
<td>Not classified</td>
</tr>
<tr>
<td>Zinc alkyl dithiophosphate</td>
<td>CAS-No.: 68649-42-3</td>
<td>&lt;1.5</td>
<td>Eye Dam. 1, H318 Aquatic Chronic 2, H411</td>
</tr>
</tbody>
</table>

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of hazard classes and H-statements: see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact: Wash skin thoroughly with mild soap and water. Take off contaminated clothing and wash it before reuse.

First-aid measures after eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Get medical advice/attention.

### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation: May cause irritation of the mucous membranes.

Symptoms/effects after skin contact: Repeated or prolonged contact may cause skin irritation.

Symptoms/effects after ingestion: May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract.

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media


Unsuitable extinguishing media: Do not use a heavy water stream.

### 5.2. Specific hazards arising from the chemical

Fire hazard: Burning produces irritating, toxic and noxious fumes.

Explosion hazard: Product is not explosive.

### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions: Cool adjacent structures and containers with water spray to protect and prevent ignition. Do not allow run-off from fire fighting to enter drains or water courses.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Use self-contained breathing apparatus.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures: Avoid all eye and skin contact and do not breathe vapor and mist.

#### 6.1.1. For non-emergency personnel

Protective equipment: Chemical goggles or safety glasses. Wear suitable gloves.

Emergency procedures: Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment: Chemical goggles or safety glasses. Wear suitable gloves.

Emergency procedures: Ventilate area. Stop leak if safe to do so.

### 6.2. Environmental precautions

Prevent dispersion.

### 6.3. Methods and material for containment and cleaning up

For containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up: Take up in non-combustible absorbent material and shove into container for disposal.

### 6.4. Reference to other sections

Section 7: safe handling. Section 8: personal protective equipment.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling: Avoid all eye and skin contact and do not breathe vapor and mist.

Hygiene measures: Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep container closed when not in use.

Incompatible products: Strong oxidizers.
SECTION 8: Exposure controls/personal protection

8.1. Control parameters

### VISCOSITY TUTELA Transaxle Fluid SAE 80W-140

No additional information available

### Distillates (petroleum), hydrotreated heavy paraffinic (DMSO < 3%) (KV > 20.5 cSt) (64742-54-7)

#### USA - ACGIH - Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Local name</th>
<th>ACGIH TWA (mg/m³)</th>
<th>ACGIH STEL (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oil mist</td>
<td>5 mg/m³</td>
<td>10 mg/m³</td>
</tr>
</tbody>
</table>

#### USA - OSHA - Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Local name</th>
<th>OSHA PEL (TWA) [1]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oil mist</td>
<td>5 mg/m³</td>
</tr>
</tbody>
</table>

### Zinc alkyl dithiophosphate (68649-42-3)

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls: Ensure good ventilation of the work station. Avoid creating mist or spray. Avoid splashing.

Environmental exposure controls: Prevent leakage or spillage.

8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

- **Hand protection:**
  - Wear suitable gloves. nitrile rubber gloves

- **Eye protection:**
  - In case of splashing or aerosol production: protective goggles.

- **Respiratory protection:**
  - In case of inadequate ventilation wear respiratory protection. Wear appropriate mask

**Other information:**

Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>amber</td>
</tr>
<tr>
<td>Odor</td>
<td>petroleum</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>~ 240 °C</td>
</tr>
<tr>
<td>Relative evaporation rate (butyl acetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapor density at 20 °C</td>
<td>No data available</td>
</tr>
</tbody>
</table>

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Relative density : No data available
Solubility : No data available
Log Pow : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity, kinematic : 280 mm²/s @ 40 °C
Viscosity, dynamic : No data available
Explosion limits : No data available
Explosive properties : No data available
Oxidizing properties : No data available

9.2. Other information

VOC content : 0 %

SECTION 10: Stability and reactivity

10.1. Reactivity
No dangerous reactions known.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
Hazardous polymerization will not occur.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
Strong oxidizers.

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

VISCOSITY TUTELA Transaxle Fluid SAE 80W-140

Unknown acute toxicity (GHS) 0.1% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)
0.1% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)
0.1% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

Distillates (petroleum), hydrotreated heavy paraffinic (DMSO < 3%) (KV > 20.5 cSt) (64742-54-7)

<table>
<thead>
<tr>
<th>Test</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 Oral rat</td>
<td>&gt; 5000 mg/kg</td>
</tr>
<tr>
<td>LD50 Dermal rabbit</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>LC50 Inhalation rat</td>
<td>&gt; 5.53 mg/l/4h</td>
</tr>
<tr>
<td>ATE (dust, mist)</td>
<td>5.55 mg/l/4h</td>
</tr>
</tbody>
</table>

Zinc alkyl dithiophosphate (68649-42-3)

<table>
<thead>
<tr>
<th>Test</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 Oral rat</td>
<td>3100 mg/kg</td>
</tr>
<tr>
<td>LD50 Dermal rabbit</td>
<td>&gt; 5000 mg/kg</td>
</tr>
<tr>
<td>ATE (oral)</td>
<td>3100 mg/kg body weight</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified. (Zinc alkyl dithiophosphate not irritating <10%.)
Respiratory or skin sensitization : Not classified
## Germ cell mutagenicity
- Not classified

## Carcinogenicity
- Not classified

## Reproductive toxicity
- Not classified

## STOT-single exposure
- Not classified

## STOT-repeated exposure
- Not classified

## Aspiration hazard
- Not classified

## Viscosity, kinematic
- 280 mm²/s @ 40 °C

## Likely routes of exposure
- Skin and eye contact. Inhalation.

## Symptoms/effects after inhalation
- May cause irritation of the mucous membranes.

## Symptoms/effects after skin contact
- Repeated or prolonged contact may cause skin irritation.

## Symptoms/effects after ingestion
- May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract.

### SECTION 12: Ecological information

#### 12.1. Toxicity

<table>
<thead>
<tr>
<th>Compound</th>
<th>EC50 crustacea</th>
<th>LC50 fish 1</th>
<th>EC50 crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated heavy paraffinic (DMSO &lt; 3%) (KV &gt; 20.5 cSt) (64742-54-7)</td>
<td>&gt; 10000 mg/l</td>
<td>4.4 mg/l 96 h oncorhynchus mykiss</td>
<td>1.2 mg/l 48 h</td>
</tr>
</tbody>
</table>

#### 12.2. Persistence and degradability

**VISCOSITY TUTELA Transaxle Fluid SAE 80W-140**

| Persistence and degradability | Not established. |

#### 12.3. Bioaccumulative potential

**VISCOSITY TUTELA Transaxle Fluid SAE 80W-140**

| Bioaccumulative potential | Not established. |

#### 12.4. Mobility in soil

**VISCOSITY TUTELA Transaxle Fluid SAE 80W-140**

| Ecology - soil | Not established. |

#### 12.5. Other adverse effects

Other information

| Avoid release to the environment. |

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

- **Sewage disposal recommendations**: Do not dispose of waste into sewer.
- **Waste disposal recommendations**: Dispose in a safe manner in accordance with local/national regulations.
- **Additional information**: Recycle product or dispose safely.
- **Ecology - waste materials**: Avoid release to the environment.

### SECTION 14: Transport information

- **Department of Transportation (DOT)**
  - In accordance with DOT
  - Not regulated.
- **Transportation of Dangerous Goods**
  - Not regulated.
Transport by sea
Not regulated.

Air transport
Not regulated.

SECTION 15: Regulatory information

15.1. US Federal regulations

| All components of this product are listed as Active, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory |

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

| Distillates (petroleum), hydrotreated heavy paraffinic (DMSO < 3%) (KV > 20.5 cSt) (64742-54-7) |
| Listed on the Canadian DSL (Domestic Substances List) |

| Zinc alkyl dithiophosphate (68649-42-3) |
| Listed on the Canadian DSL (Domestic Substances List) |

EU-Regulations

| Distillates (petroleum), hydrotreated heavy paraffinic (DMSO < 3%) (KV > 20.5 cSt) (64742-54-7) |
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) |

| Zinc alkyl dithiophosphate (68649-42-3) |
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) |

National regulations

| Distillates (petroleum), hydrotreated heavy paraffinic (DMSO < 3%) (KV > 20.5 cSt) (64742-54-7) |
| Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) |
| Listed on Taiwan National Chemical Inventory |
| Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) |
| Listed on NZIoC (New Zealand Inventory of Chemicals) |
| Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) |
| Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory |
| Listed on KECL/KECI (Korean Existing Chemicals Inventory) |
VISCOSITY TUTELA Transaxle Fluid SAE 80W-140

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according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations, Hazardous Products Regulations (SOR/2015-17) / Règlement sur les produits dangereux (DORS/2015-17)

<table>
<thead>
<tr>
<th>Zinc alkyl dithiophosphate (68649-42-3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)</td>
</tr>
<tr>
<td>Listed on Taiwan National Chemical Inventory</td>
</tr>
<tr>
<td>Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)</td>
</tr>
<tr>
<td>Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)</td>
</tr>
<tr>
<td>Listed on NZIoC (New Zealand Inventory of Chemicals)</td>
</tr>
<tr>
<td>Not listed on the Japanese ENCS (Existing &amp; New Chemical Substances) inventory</td>
</tr>
<tr>
<td>Listed on KECL/KECI (Korean Existing Chemicals Inventory)</td>
</tr>
</tbody>
</table>

15.3. US State regulations

**WARNING:** This product can expose you to ethylbenzene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

<table>
<thead>
<tr>
<th>Component</th>
<th>Carcinogenicity</th>
<th>Developmental toxicity</th>
<th>Reproductive toxicity male</th>
<th>Reproductive toxicity female</th>
<th>No significant risk level (NSRL)</th>
<th>Maximum allowable dose level (MADL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ethylbenzene(100-41-4)</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>54 µg/day (inhalation); 41 µg/day (oral)</td>
<td></td>
</tr>
<tr>
<td>Naphthalene(91-20-3)</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>5.8 µg/day</td>
<td></td>
</tr>
<tr>
<td>cumene(98-82-8)</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION 16: Other information

Revision date : 08/19/2021

Other information : None.

Full text of H-phrases

H318 Causes serious eye damage
H411 Toxic to aquatic life with long lasting effects

Abbreviations and acronyms

ATE: Acute Toxicity Estimate
CAS (Chemical Abstracts Service) number
CFR: Code of Federal Regulations
CLP: Classification, Labelling, Packaging.
EC50: Environmental Concentration associated with a response by 50% of the test population.
GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).
LD50: Lethal Dose for 50% of the test population
VISCOSITY TUTELA Transaxle Fluid SAE 80W-140

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations, Hazardous Products Regulations (SOR/2015-17) / Règlement sur les produits dangereux (DORS/2015-17)

Abbreviations and acronyms

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>OSHA</td>
<td>Occupational Safety &amp; Health Administration</td>
</tr>
<tr>
<td>TSCA</td>
<td>Toxic Substances Control Act</td>
</tr>
<tr>
<td>TWA</td>
<td>Time Weighted Average</td>
</tr>
<tr>
<td>STEL</td>
<td>Short Term Exposure Limits</td>
</tr>
</tbody>
</table>

NFPA health hazard : 1 - Materials that, under emergency conditions, can cause significant irritation.
NFPA fire hazard : 1 - Materials that must be preheated before ignition can occur.
NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.

Indication of changes:

<table>
<thead>
<tr>
<th>Section</th>
<th>Changed item</th>
<th>Change</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Composition/Information on ingredients</td>
<td>Added</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Occupational Exposure Limits</td>
<td>Added</td>
<td>Oil mist</td>
</tr>
</tbody>
</table>

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.