MULTII CVT FLUID
Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Date of issue: 01/05/2021 Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Product form : Mixture
Product name : MULTI CVT FLUID
Product code : 401040
Product group : Transmission Fluids

1.2. Relevant identified uses of the substance or mixture and uses advised against
1.2.1. Relevant identified uses
Main use category : Industrial use, Professional use, Consumer use
Industrial/Professional use spec : Non-dispersive use
Function or use category : Used in closed systems

1.2.2. Uses advised against
No additional information available

1.3. Details of the supplier of the safety data sheet
Valeo Service
70 Rue Pleyel
93200 Saint Denis France
Tel. +33 (0)1 49 45 32 32
Email: vsao.contact.mailbox@valeo.com

1.4. Emergency telephone number
Emergency number / Poison Center : +33 1 49 45 32 32 (working hours) / +33 3 83 85 21 92
OR Please contact local poison center (https://apps.who.int/poisoncentres/PoisonCentres_201902.pdf)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412
Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects
No additional information available

2.2. Label elements
Labelling according to Regulation (EC) No. 1272/2008 [CLP]
Signal word (CLP) : -
Hazard statements (CLP) : H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP) : P273 - Avoid release to the environment.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
P102 - Keep out of reach of children.

2.3. Other hazards
No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances
Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP]
--- | --- | --- | ---
Baseoil - unspecified | (CAS-No.) 64742-55-8 (EC-No.) 265-156-7 (EC Index-No.) 649-468-00-3 (REACH-no) 01-2119487077-29 | 30 - 50 | Asp. Tox. 1, H304
Reaction product of alkylthioalcohol and substituted phosphorus compound | (EC-No.) 424-820-7 (REACH-no) 01-0000017126-75 | 0,1 - 0,99 | Acute Tox. 4 (Dermal), H312 Skin Corr. 1B, H314 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410

Full text of H-statements: see section 16

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

- First-aid measures after inhalation: Not expected to require first aid measures.
- First-aid measures after skin contact: Wash skin with mild soap and water.
- First-aid measures after eye contact: In case of eye contact, immediately rinse with clean water for 10-15 minutes.
- First-aid measures after ingestion: Do not induce vomiting. Rinse mouth. Get immediate medical advice/attention.

**4.2. Most important symptoms and effects, both acute and delayed**

- Symptoms/effects after inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
- Symptoms/effects after skin contact: Not expected to present a significant skin hazard under anticipated conditions of normal use.
- Symptoms/effects after eye contact: Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
- Symptoms/effects after ingestion: Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

**4.3. Indication of any immediate medical attention and special treatment needed**

No additional information available

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

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

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

No additional information available

**5.3. Advice for firefighters**

- Precautionary measures fire: Exercise caution when fighting any chemical fire.
- Firefighting instructions: Use water spray or fog for cooling exposed containers.
- Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

**SECTION 6: Accidental release measures**

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

**6.1.1. For non-emergency personnel**

- Protective equipment: Wear suitable protective clothing and gloves.

**6.1.2. For emergency responders**

- Protective equipment: Wear suitable protective clothing and gloves.

**6.2. Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

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

- For containment: Impound and recover large spill by mixing it with inert granular solids.
- Methods for cleaning up: Detergent. Take up liquid spill into absorbent material sand, saw dust, kieselguhr.
- Other information: Spill area may be slippery. Use suitable disposal containers.

**6.4. Reference to other sections**

No additional information available

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**
Precautions for safe handling: Avoid all unnecessary exposure. Both local exhaust and general room ventilation are usually required.

Handling temperature: < 40 °C

Hygiene measures: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage temperature: < 40 °C
Storage area: Store in dry, cool, well-ventilated area.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional information: 5 mg/m³ for oil mists (TWA, 8-h-workday) recommended, based upon the ACGIH TLV (Analysis according to US NIOSH Method 5026, NIOSH Manual of Analytical Methods, 3rd Edition).

8.2. Exposure controls

Personal protective equipment:

Safety glasses. Gloves.

Hand protection:

Permeation time: minimum >480 min long term exposure; material / thickness [mm]: >0.35 mm. Nitrile rubber (NBR) /

Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use

Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.

Personal protective equipment symbol(s):

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid
Appearance: Oily liquid.
Colour: red.
Odour: Characteristic.
Odour threshold: No data available
pH: No data available
Relative evaporation rate (butylacetate=1): No data available
Melting point: No data available
Freezing point: No data available
Boiling point: No data available
Flash point: > 150 °C @ ASTM D92
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Flammability (solid, gas): No data available
Vapour pressure: No data available
Relative vapour density at 20 °C: No data available
Relative density: No data available
Density: 852 kg/m³ @15°C
Solubility: Slightly soluble, the product remains on the water surface.
Log Pow: No data available
Viscosity, kinematic: 34 mm²/s @ 40°C
Viscosity, dynamic: No data available
Explosive properties: No data available
Oxidising properties: No data available
Explosive limits: No data available

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
None under normal conditions.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
None under normal conditions.

10.4. Conditions to avoid
No data available.

10.5. Incompatible materials

10.6. Hazardous decomposition products
None under normal conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Reaction product of alkylthioalcohol and substituted phosphorus compound
LD50 oral : > 2000 mg/kg 67/548/EEG Annex V,B1
LD50 dermal : > 500 mg/kg 67/548/EEG Annex V,B3
Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : 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

MULTI CVT FLUID
Viscosity, kinematic : 34 mm²/s @ 40°C

SECTION 12: Ecological information

12.1. Toxicity
Acute aquatic toxicity : Not classified
Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

Reaction product of alkylthioalcohol and substituted phosphorus compound
LC50 fish 1 : 1,5 mg/l OECD203 - Oncorhynchus mykiss
EC50 Daphnia 1 : 0,09 mg/l OECD 202 - EL50
EC50 72h algae (1) : 0,31 mg/l 67/548/EEG Annex V,C3
NOEC (chronic) : 0,14 (0,01 - 0,1) mg/l Daphnia

12.2. Persistence and degradability
MULTI CVT FLUID
Persistence and degradability : Not soluble in water, so only minimally biodegradable.

Reaction product of alkylthioalcohol and substituted phosphorus compound
Persistence and degradability : Not readily biodegradable.
Biodegradation : 52,9 % @60d - OECD 301B - 10mg/l
### 12.3. Bioaccumulative potential

**Reaction product of alkylthioalcohol and substituted phosphorus compound**

| Bioaccumulative potential | Potential to bioaccumulate. |

### 12.4. Mobility in soil

**Reaction product of alkylthioalcohol and substituted phosphorus compound**

| Ecology - soil | Adsorbs into the soil. |

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Additional information: Dispose in a safe manner in accordance with local/national regulations.

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

#### 14.1. UN number

<table>
<thead>
<tr>
<th>UN-No. (ADR)</th>
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</tr>
</thead>
<tbody>
<tr>
<td>UN-No. (IMDG)</td>
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<td>UN-No. (IATA)</td>
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<td>UN-No. (ADN)</td>
<td>Not applicable</td>
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<tr>
<td>UN-No. (RID)</td>
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#### 14.2. UN proper shipping name

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<th>Proper Shipping Name (ADR)</th>
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<td>Not applicable</td>
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<td>Proper Shipping Name (RID)</td>
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#### 14.3. Transport hazard class(es)

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<td>Not applicable</td>
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<tr>
<td>RID</td>
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#### 14.4. Packing group

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<tr>
<td>Packing group (ADN)</td>
<td>Not applicable</td>
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<tr>
<td>Packing group (RID)</td>
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#### 14.5. Environmental hazards

<table>
<thead>
<tr>
<th>Dangerous for the environment</th>
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<tbody>
<tr>
<td>Marine pollutant</td>
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<tr>
<td>Other information</td>
<td>No supplementary information available</td>
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#### 14.6. Special precautions for user

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<tr>
<th>Overland transport</th>
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<tbody>
<tr>
<td>Transport by sea</td>
<td>No data available</td>
</tr>
<tr>
<td>Air transport</td>
<td></td>
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</tbody>
</table>
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Inland waterway transport
No data available

Rail transport
No data available

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations
Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

15.1.2. National regulations
15.1.3. Germany
Reference to AwaSV: Water hazard class (WGK) 3, Highly hazardous to water (Classification according to AwaSV, Annex 1)
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands
SZW-lijst van kankerverwekkende stoffen: Baseoil - unspecified is listed
SZW-lijst van mutagene stoffen: Baseoil - unspecified is listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling: None of the components are listed

Denmark
Danish National Regulations: Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment
No chemical safety assessment has been carried out for the substance or the mixture by the supplier
**MULTI CVT FLUID**

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### SECTION 16: Other information

<table>
<thead>
<tr>
<th>Indication of changes:</th>
<th>Changed item</th>
<th>Change</th>
<th>Comments</th>
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<tr>
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<td>Modified</td>
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<td>Comments (on top of composition)</td>
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<tr>
<td>2.2</td>
<td>Precautionary statements (CLP)</td>
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<tr>
<td>3</td>
<td>Composition/information on ingredients</td>
<td>Modified</td>
<td></td>
</tr>
</tbody>
</table>

### Abbreviations and acronyms:

- ACGIH: American Conference of Governmental Industrial Hygienists
- TWA: Time Weighted Average
- TLV: Threshold Limit Value
- ASTM: American Society for Testing and Materials
- ADR: Accord Européen Relatif au Transport International des Marchandises Dangereuses par Route
- RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail
- IMDG: International Maritime Dangerous Goods
- ICAO: International Civil Aviation Organization
- IATA: International Air Transport Association
- STEL: Short Term Exposure Limit
- LD50: median Lethal Dose for 50% of subjects
- ATE: acute toxicity estimate
- LC50: median Lethal Concentration for 50% of subjects
- EC50: concentration producing 50% effect

### Other information:

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

### Full text of H- and EUH-statements:

<table>
<thead>
<tr>
<th>Acute Tox. 4 (Dermal)</th>
<th>Acute toxicity (dermal), Category 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquatic Acute 1</td>
<td>Hazardous to the aquatic environment — Acute Hazard, Category 1</td>
</tr>
<tr>
<td>Aquatic Chronic 1</td>
<td>Hazardous to the aquatic environment — Chronic Hazard, Category 1</td>
</tr>
<tr>
<td>Asp. Tox. 1</td>
<td>Aspiration hazard, Category 1</td>
</tr>
<tr>
<td>Skin Corr. 1B</td>
<td>Skin corrosion/irritation, Category 1B</td>
</tr>
<tr>
<td>H304</td>
<td>May be fatal if swallowed and enters airways.</td>
</tr>
<tr>
<td>H312</td>
<td>Harmful in contact with skin.</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage.</td>
</tr>
<tr>
<td>H400</td>
<td>Very toxic to aquatic life.</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>H410</th>
<th>Very toxic to aquatic life with long lasting effects.</th>
</tr>
</thead>
<tbody>
<tr>
<td>H412</td>
<td>Harmful to aquatic life with long lasting effects.</td>
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</tbody>
</table>

SDS EU (REACH Annex II)

*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*