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

## 1.1 Product identifier

Trade name: Eni Rotra CVT

## 1.2 Relevant identified uses of the substance or mixture and uses advised against

General use: Transmission oil

## 1.3 Details of the supplier of the safety data sheet


Company name: Enilive Schmiertechnik GmbH
Street/POB-No.: Paradiesstraße 14
Postal Code, city: 97080 Würzburg
Germany
E-mail: info.wuerzburg@enilive.com
Telephone: +49 (0)931-90098-0
Telefax: +49 (0)931-98442

Department responsible for information:
Application Engineering & Product Management (AEPM)
Telephone: +49 (0)931-90098-0
E-mail: technik.wuerzburg@enilive.com


## 1.4 Emergency telephone number

**GIZ-Nord, Göttingen**
**Telephone: +49 (0)551-19240**

# SECTION 2: Hazards identification

## 2.1 Classification of the substance or mixture

**Classification according to EC regulation 1272/2008 (CLP)**

This mixture is classified as not hazardous.

## 2.2 Label elements

**Labelling (CLP)**

Hazard statements: not applicable

Precautionary statements: not applicable

**Special labelling**

EUH210 Safety data sheet available on request.

## 2.3 Other hazards

Special danger of slipping by leaking/spilling product.

Endocrine disrupting properties, Results of PBT and vPvB assessment:

The product does not contain any substances classified as PBT or vPvB.

# SECTION 3: Composition/information on ingredients

3.1 Substances: not applicable

## 3.2 Mixtures

Chemical characterisation: A mixture of mineral oil and additives.

Hazardous ingredients:

| Identifiers | Designation<br>Classification | Content |
|---|---|---|
| REACH 01-2119484627-25-xxxx<br>EC No. 265-157-1<br>CAS 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic<br>Asp. Tox. 1; H304. | >= 80 % |
| confidential | Eye Irrit. 2; H319. | < 2,5 % |
| REACH 01-2119474878-16-xxxx<br>EC No. 276-737-9<br>CAS 72623-86-0 | Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil - unspecified<br>Asp. Tox. 1; H304. | 1 - 5 % |
| REACH 01-2119487077-29-xxxx<br>EC No. 265-158-7<br>CAS 64742-55-8 | Distillates (petroleum), hydrotreated light paraffinic<br>Asp. Tox. 1; H304. | 1 - 5 % |

Full text of H- and EUH-statements: see section 16.

Additional information: Contains: White mineral oil (petroleum), light.
The highly refined mineral oil contains <3% (w/w) DMSO extract, according to IP346.

# SECTION 4: First aid measures

## 4.1 Description of first aid measures

General information: Take off contaminated clothing and wash it before reuse.

In case of inhalation: Remove casualty to fresh air and keep warm and at rest. If breathing becomes irregular or ceases, apply rescue breathing or artificial respiration immediately, where required supply oxygen.
If unconscious place in recovery position and seek medical advice.

Following skin contact: After contact with skin, wash immediately with soap and plenty of water. In case of skin reactions, consult a physician.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

After swallowing: Rinse mouth. Do not induce vomiting. Danger of aspiration! Never give anything by mouth to an unconscious person. Immediately get medical attention.

## 4.2 Most important symptoms and effects, both acute and delayed

Respiratory complaints, headache, dizziness, nausea.
In case of ingestion:
Even very small amounts of this product that enters the lungs as a result of vomiting may lead to inflammation of the lungs or a pulmonary edema.

### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media:

Water spray jet, foam, extinguishing powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

Full water jet

### 5.2 Special hazards arising from the substance or mixture

Combustible.
May form dangerous gases and vapours in case of fire.
Furthermore, there may develop: Carbon monoxide and carbon dioxide.

### 5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.

Additional information: Cool exposed containers with water spray, but avoid contact of the substance with water.
Move undamaged containers from immediate hazard area if it can be done safely.
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

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

Do not breathe mist/vapours/spray. Provide adequate ventilation. Remove all sources of ignition. Wear appropriate protective equipment.
Take off contaminated clothing and wash it before reuse. Avoid contact with skin, eyes, and clothing.

### 6.2 Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and place in closed containers for disposal.
Make sure spills can be contained, e.g. in sump pallets or kerbed areas.
Never return spills in original containers for re-use.
Clean contaminated articles and floor according to the environmental legislation.

Additional information: Special danger of slipping by leaking/spilling product.

### 6.4 Reference to other sections

Refer additionally to section 8 and 13.

# SECTION 7: Handling and storage

## 7.1 Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Do not breathe mist/vapours/spray. Wear appropriate protective equipment.
Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.
Take off contaminated clothing and wash it before reuse. Avoid contact with skin, eyes, and clothing.

Precautions against fire and explosion:
Keep away from heat.
When handling larger quantities, take precautionary measures against electrostatic charging.

## 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:
Keep container tightly closed in a cool, well-ventilated place.
Store only in original container.
Make sure spills can be contained, e.g. in sump pallets or kerbed areas.
Protect from heat and direct sunlight.
Recommended storage temperature: 0 - 40 °C.

Hints on joint storage: Do not store together with: strong oxidizing agents.
Keep away from food, drink and animal feedingstuffs.

Storage class: 10 = Combustible liquids, unless storage class 3

## 7.3 Specific end use(s)

No information available.

# SECTION 8: Exposure controls/personal protection

All exposure relevant information (human health and environment) is summarised in annexes to this safety data sheet.

## 8.1 Control parameters

Additional information: Contains no substances with occupational exposure limit values.

## 8.2 Exposure controls

Provide good ventilation and/or an exhaust system in the work area.

## Personal protection equipment

### Occupational exposure controls

Respiratory protection: In case of inadequate ventilation wear respiratory protection.
The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product.

Hand protection: Protective gloves according to DIN EN 374.
Glove material: nitrile rubber (NBR)
Breakthrough time: > 480 min
Layer thickness: >=0,35 mm
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Tightly sealed goggles according to DIN EN ISO 16321-1:2022.

Body protection: Wear suitable protective clothing.

General protection and hygiene measures:

Do not breathe mist/vapours/spray.
Take off contaminated clothing and wash it before reuse. Avoid contact with skin, eyes, and clothing.
Do not eat, drink or smoke when using this product.
Wash hands thoroughly after handling.

**Environmental exposure controls**

Refer to "6.2 Environmental precautions".

# SECTION 9: Physical and chemical properties

## 9.1 Information on basic physical and chemical properties

| | |
|---|---|
| Physical state at 20 °C and 101.3 kPa | liquid |
| Colour: | brown<br>light |
| Odour: | Characteristic |
| Odour threshold: | No data available |
| Melting point/freezing point: | -48 °C (ASTM D5950) |
| Initial boiling point and boiling range: | No data available |
| Flammability: | Not applicable |
| Upper/lower flammability or explosive limits: | LEL (Lower Explosion Limit): No data available<br>UEL (Upper Explosive Limit): No data available |
| Flash point/flash point range: | 214 °C (ASTM D92) |
| Decomposition temperature: | No data available |
| pH: | No data available |
| Viscosity, kinematic: | at 40 °C: 35,4 mm²/s (ASTM D7279) |
| Water solubility: | Immiscible |
| Partition coefficient: n-octanol/water: | >= 6 log P(o/w) (Distillates (petroleum), hydrotreated light paraffinic)<br>Based on the n-octanol/water partition coefficient accumulation in organisms is possible.<br>>= 6 log K(o/w) (Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil - unspecified)<br>Based on the n-octanol/water partition coefficient accumulation in organisms is possible. |
| Vapour pressure: | No data available |
| Density: | at 15 °C: 0,845 g/mL (ASTM D4052) |
| Vapour density: | No data available |
| Particle characteristics: | Not applicable |

## 9.2 Other information

| | |
|---|---|
| Explosive properties: | Product is not explosive. |
| Oxidizing characteristics: | Product has no oxidizing effect. |
| Auto-ignition temperature: | No data available |
| Evaporation rate: | No data available |
| Additional information: | No data available |

# SECTION 10: Stability and reactivity

## 10.1 Reactivity

Refer to subsection "Possibility of hazardous reactions".

## 10.2 Chemical stability

Stable under recommended storage conditions.

## 10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

## 10.4 Conditions to avoid

Protect from heat and direct sunlight.

## 10.5 Incompatible materials

Strong oxidizing agents

## 10.6 Hazardous decomposition products

No hazardous decomposition products when regulations for storage and handling are observed.

Thermal decomposition: No data available

# SECTION 11: Toxicological information

## 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological effects:

The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

Acute toxicity (oral): Based on available data, the classification criteria are not met.

Acute toxicity (dermal): Based on available data, the classification criteria are not met.

Acute toxicity (inhalative): Based on available data, the classification criteria are not met.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Sensitisation to the respiratory tract: Based on available data, the classification criteria are not met.

Skin sensitisation: Based on available data, the classification criteria are not met.

Germ cell mutagenicity/Genotoxicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.
Information about Distillates (petroleum), hydrotreated light paraffinic:
LOAEL Rat, oral (90 days): 125 mg/kg (OECD 408)

Aspiration hazard: Based on available data, the classification criteria are not met.

## 11.2 Information on other hazards

Endocrine disrupting properties:

No data available

Other information:

Information about Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil - unspecified:
LD50 Rat, oral: > 5.000 mg/kg (OECD 401)
LD50 Rabbit, dermal: > 2.000 mg/kg (OECD 402)
LC50 Rat, inhalative: > 5,53 mg/L (OECD 403)

Information about Distillates (petroleum), hydrotreated heavy paraffinic:
LD50 Rat, oral: > 5.000 mg/kg
LD50 Rabbit, dermal: > 2.000 mg/kg
LC50 Rat, inhalative: > 5,53 mg/L/4 h

Information about Distillates (petroleum), hydrotreated light paraffinic:
LD50 Rat, oral: > 5.000 mg/kg
LD50 Rabbit, dermal: > 2.000 mg/kg
LC50 Rat, inhalative (Dusts/mist): 5,53 mg/L/4 h

**Symptoms**

Respiratory complaints, headache, dizziness, nausea.
In case of ingestion:
Even very small amounts of this product that enters the lungs as a result of vomiting may lead to inflammation of the lungs or a pulmonary edema.

# SECTION 12: Ecological information

## 12.1 Toxicity

Aquatic toxicity:

Information about Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based;
Baseoil - unspecified:
Fish toxicity:
LC50: > 100 mg/L
Daphnia toxicity:
EC50: > 1.000 mg/L
NOEC Daphnia magna (Big water flea): 10 mg/L/21 d (OECD 211)
Algae toxicity:
NOEC Pseudokirchneriella subcapitata (green algae): >=100 mg/L/72 h (OECD 211)
NOEC: >=100 mg/L

Information about Distillates (petroleum), hydrotreated heavy paraffinic:
Fish toxicity:
LC50 Pimephales promelas (fathead minnow): > 100 mg/L/96 h (OECD 203)
NOEC Oncorhynchus mykiss: >=1.000 mg/L / 14/28 d (QSAR Petrotox)
Daphnia toxicity:
EC50 Daphnia magna (Big water flea): > 1.000 mg/L/48 h (OECD 202)
EC50 Gammarus pulex: > 10.000 mg/L/48 h (OECD 202)
NOEC Daphnia magna (Big water flea): 10 mg/L/21 d (OECD 211)
Algae toxicity:
NOEC Pseudokirchneriella subcapitata (green algae): >=100 mg/L/72 h (OECD 211)

Information about Distillates (petroleum), hydrotreated light paraffinic:
Fish toxicity:
LC50: > 100 mg/L/96 h
NOEC: 1.000 mg/L/14 d
Daphnia toxicity:
EC50: > 1.000 mg/L
NOEC: 10 mg/L/21 d
Algae toxicity:
NOEC: >=100 mg/L/72 h

Water Hazard Class: 2 = obviously hazardous to water (Self-classification (mixture).)

## 12.2 Persistence and degradability

Further details:

Biodegradability:
Information about Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based;
Baseoil - unspecified:
31%/28 d (OECD 301F). Not easily degradable.
Information about Distillates (petroleum), hydrotreated heavy paraffinic:
31%/28 d (OECD 301F). Not easily degradable.

### 12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:

>= 6 log P(o/w) (Distillates (petroleum), hydrotreated light paraffinic)
Based on the n-octanol/water partition coefficient accumulation in organisms is possible.
>= 6 log K(o/w) (Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based; Baseoil - unspecified)
Based on the n-octanol/water partition coefficient accumulation in organisms is possible.

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

The product does not contain any substances classified as PBT or vPvB.

### 12.6 Endocrine disrupting properties

No data available

### 12.7 Other adverse effects

General information: Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

**Product**

Waste key number: 13 02 05* = mineral-based non-chlorinated engine, gear and lubricating oils
* = Evidence for disposal must be provided.

Recommendation: Evidence for disposal must be provided. Send to a hazardous waste incinerator facility under observation of official regulations.

**Package**

Recommendation: Dispose of waste according to applicable legislation. Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself. Evidence for disposal must be provided.

## SECTION 14: Transport information

### 14.1 UN number or ID number

ADR/RID, ADN, IMDG, IATA-DGR:

not applicable

### 14.2 UN proper shipping name

ADR/RID, ADN, IMDG, IATA-DGR:

Not restricted

### 14.3 Transport hazard class(es)

ADR/RID, ADN, IMDG, IATA-DGR:

not applicable

### 14.4 Packing group

ADR/RID, ADN, IMDG, IATA-DGR:

not applicable

### 14.5 Environmental hazards

Dangerous for the environment:

Substance/mixture is not environmentally hazardous according to the criteria of the UN model regulations.

Marine pollutant - IMDG: no

### 14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

### 14.7 Maritime transport in bulk according to IMO instruments

No data available

## SECTION 15: Regulatory information

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

**National regulations - Germany**

Storage class: 10 = Combustible liquids, unless storage class 3

Water Hazard Class: 2 = obviously hazardous to water (Self-classification (mixture).)

Technical guidance air: 5.2.5

Information on working limitations:

Observe employment restrictions for young people.

Further regulations, limitations and legal requirements:

The product is not subject to the Chemicals Prohibition Ordinance (ChemVerbotsV).

**National regulations - EC member states**

Volatile organic compounds (VOC):

0 % by weight

**Labelling of packaging with <= 125mL content**

Hazard statements: EUH210 Safety data sheet available on request.

Precautionary statements: not applicable

Further regulations, limitations and legal requirements:

No data available

### 15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

## SECTION 16: Other information

Wording of the H-phrases under paragraph 2 and 3:

H304 = May be fatal if swallowed and enters airways.
H319 = Causes serious eye irritation.
EUH210 = Safety data sheet available on request.

Reason of change: Changes in section 1: Details of the supplier of the safety data sheet
General revision

Date of first version: 20.5.2021

Department issuing data sheet:
see section 1: Department responsible for information

Abbreviations and acronyms:

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
AS/NZS: Australian Standards/New Zealand Standards
Asp. Tox.: Aspiration toxicity
CAS: Chemical Abstracts Service
CFR: Code of Federal Regulations
CLP: Classification, Labelling and Packaging
DMEL: Derived minimal effect level
DNEL: Derived no-effect level
EC: European Community
EC50: Effective Concentration 50%
EN: European Standard
EQ: Excepted quantities
EU: European Union
Eye Irrit.: Eye irritation
IATA: International Air Transport Association
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IMDG Code: International Maritime Dangerous Goods Code
LC50: Median lethal concentration
LD50: Lethal dose 50%
LEL: Lower Explosion Limit
LOAEL: Lowest observed adverse effect level
log P(o/w): Partition coefficient: octanol/water
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
NOEC: No Observed Effect Concentration
OECD: Organisation for Economic Co-operation and Development
OSHA: Occupational Safety and Health Administration
PBT: Persistent, bioaccumulative and toxic
PNEC: Predicted no-effect concentration
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail
TRGS: Technical Rules for Hazardous Substances
vPvB: Very persistent and very bioaccumulative

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

Most recent product information is available at:
http://sumdat.net/888g7yfb