# Eni OTE GT 32

Safety Data Sheet

SDS EU format according to COMMISSION REGULATION (EU) 2020/878
Revision date: 2/7/2025 Supersedes: 7/15/2024 Version: 1.2

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

### 1.1. Product identifier

| | | |
|---|---|---|
| Product form | : | Mixture |
| Trade name | : | Eni OTE GT 32 |
| Product code | : | 7755 |
| Type of product | : | Lubricants |
| Formula | : | 0053-2024 |
| Product group | : | Trade product |

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

#### Relevant identified uses

| | | |
|---|---|---|
| Main use category | : | Industrial use |
| Industrial/Professional use spec | : | Non-dispersive use<br>Used in closed systems |
| Use of the substance/mixture | : | Lubricant for turbines |
| Function or use category | : | Lubricants and additives |

#### Uses advised against

Recommended use are listed above; other uses are not recommended unless an assessment has provided that risks are controlled.

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

Enilive S.p.A, Viale Giorgio Ribotta 51, 00144 Rome, ITALY, Tel. +39 06 59821
Competent person responsible for the safety data sheet (Reg. EC nr. 1907/2006): SDS.Enilive@enilive.com

Distributed by: Enilive Schmiertechnik GmbH, Paradiesstraße 14, 97080 Würzburg, GERMANY
Department responsible for information: Application Engineering & Product Management (AEPM), Tel. +49 (0)931-900 98-0
e-mail: technik.wuerzburg@enilive.com

### 1.4. Emergency telephone number

| | | |
|---|---|---|
| Emergency number | : | CNIT +39 0382 24444 (24h) (IT + EN)<br>Poison Center |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [EU-GHS / CLP]

Not classified

#### Adverse physicochemical, human health and environmental effects

None to be reported, according to the present EU regulations. For specific information about the toxicological/ecotoxicological properties and classification of this product, see Sect. 11 and/or Sect. 12.

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

| | | |
|---|---|---|
| EUH-statements | : | EUH210 - Safety data sheet available on request. |

### 2.3. Other hazards (not relevant for classification)

Other hazards not contributing to the classification : This product is combustible, but not classified as Flammable. The creation of flammable vapour mixtures takes place at temperatures which are higher than normal ambient levels. In case of contact with eyes, this product may cause irritation. If the product is handled or used at high temperature, contact with hot product or vapours may cause burns. Any substance, in case of accidents involving pressurized circuits and the like, may be accidentally injected under the skin, even without external damage. In such a case, the victim should be brought to an hospital as soon as possible, to get specialized medical treatment. Do not wait for symptoms to develop.

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

| Component | |
|---|---|
| Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based<br>Baseoil - unspecified (72623-87-1), Distillates (petroleum), solvent-refined light paraffinic (64741-89-5) |
| Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based<br>Baseoil - unspecified (72623-87-1), Distillates (petroleum), solvent-refined light paraffinic (64741-89-5) |

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

| Component | |
|---|---|
| Substance(s) not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based<br>Baseoil - unspecified (72623-87-1), Distillates (petroleum), solvent-refined light paraffinic (64741-89-5) |

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Comments : Composition/ Information on ingredients:
Mixture of hydrocarbons
Additives

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [EU-GHS / CLP] |
|---|---|---|---|
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based<br>Baseoil - unspecified<br>(see note [*], see note [**], see note [***])<br>substance with national workplace exposure limit(s) (AT, BE, DK, ES, GB, HU, NL, SE) | CAS-No.: 72623-87-1<br>EC-No.: 276-738-4<br>EC Index-No.: 649-483-00-5<br>REACH-no: 01-2119474889-13 | 80 – 90 | Not classified |
| Distillates (petroleum), solvent-refined light paraffinic<br>(see note [*], see note [**], see note [****])<br>substance with national workplace exposure limit(s) (AT, BE, DK, ES, GB, HU, NL, SE) | CAS-No.: 64741-89-5<br>EC-No.: 265-091-3<br>EC Index-No.: 649-455-00-2<br>REACH-no: 01-2119487067-30 | 10 – 15 | Asp. Tox. 1, H304 |

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [EU-GHS / CLP] |
|---|---|---|---|
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene | CAS-No.: 68411-46-1<br>EC-No.: 270-128-1<br>REACH-no: 01-2119491299-23 | 0.2 - 0.3 | Repr. 2, H361f |

Comments : Note [*]:
this product has a value of DMSO extract < 3 % wt, according to IP 346. According to the criteria laid out by the EU (note L, Annex VI of Regulation (CE) 1272/2008), this product must be regarded as non carcinogenic.
Note [**]:
substance with occupational exposure limits for some EU countries affecting the category of mineral oils (finely refined mineral base oil mists; see section 8.1)
Note [***]:
this product may be formulated with one or more of the following base oils (not classified as hazardous): CAS 64742-54-7/ EC: 265-157-1 REACH Reg. # 01-2119484627-25-XXXX
Note [****]:
this product may be formulated with one or more of the following base oils: CAS 64742-54-7/ EC: 265-157-1 REACH Reg. # 01-2119484627-25-XXXX

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation : In case of disturbances owing to inhalation of vapours or mists, remove the victim from exposure; keep at rest; if necessary, seek medical attention. See also section 4.3.

First-aid measures after skin contact : Take off contaminated clothing and shoes. Wash thoroughly with soap and water. If skin irritation occurs: Get medical advice/attention. In case of contact with hot product, cool affected part with plenty of cold water, and cover with gauze or clean cloth. Call a doctor or bring to an hospital. Do not use salves or ointments, unless directed by doctor. Body hypothermia must be avoided. Do not put ice on the burn.

First-aid measures after eye contact : Rinse eyes thoroughly for at least 15 minutes. Keep eyelids well apart. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation, blurred vision or swelling occurs and persists, obtain medical advice from a specialist. In case of contact with hot product, cool affected part with plenty of cold water, and cover with gauze or clean cloth. Call a doctor or bring to an hospital. Do not use salves or ointments, unless directed by doctor.

First-aid measures after ingestion : Do NOT induce vomiting. If the person is conscious, rinse mouth with water without swallowing. Keep at rest. Call for medical assistance or bring to an hospital. If the casualty is unconscious, place in the recovery position. In case of spontaneous vomiting, transport the victim to a hospital, to verify the possibility that the product has been aspired into the lungs. Do not give anything by mouth to an unconscious person.

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

Symptoms/effects after inhalation : This product has a low vapour pressure, and in normal conditions at ambient temperature the concentration in the air is negligible. A significant concentration may build up only if the product is used at high temperature, or in case of sprays and mists. In these cases overexposure to vapours may cause irritation to airways, nausea and dizziness.

Symptoms/effects after skin contact : Contact with hot product may cause thermal burns.

Symptoms/effects after eye contact : Contact with eyes may cause temporary reddening and irritation. Contact with hot product or vapours may cause burns.

Symptoms/effects after ingestion : Accidental ingestion of small quantities of the product may cause nausea, discomfort and gastric disturbances.

Symptoms/effects upon intravenous administration : No information available.

Chronic symptoms : None known.

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

Obtain medical attention if casualty has an altered state of consciousness or if symptoms do not resolve. Seek medical attention in all cases of serious burns.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Small-size fires: carbon dioxide, dry chemicals, foam, sand or earth. Large fires: foam or water fog (mist). These means should be used by trained personnel only. Other extinguishing gases (according to regulations).

Unsuitable extinguishing media : Do not use water jets. They could cause splattering, and spread the fire. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam.

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

Fire hazard : This product is combustible, but not classified as Flammable. The creation of flammable vapour mixtures takes place at temperatures which are higher than normal ambient levels.

Explosion hazard : In case of losses from pressurized circuits, the sprays may form mists. Take into account that in this case the lower explosion limit for mists is about 45 g/m³ of air. Heat may build pressure in tank and containers, rupturing closed vessels, spreading fire and increasing risk of burns and injuries. Vapours are heavier than air, spread along floors and form explosive mixtures with air.

Hazardous decomposition products in case of fire : Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases. Oxygenated compounds (aldehydes, etc.).

### 5.3. Advice for firefighters

Firefighting instructions : Shut off source of product, if possible. Move undamaged containers from immediate hazard area if it can be done safely. Spilled product which is not burning should be covered with sand or foam. Use water sprays to cool containers and surfaces exposed to the flames. If the fire cannot be controlled, evacuate area.

Special protective equipment for firefighters : Personal protection equipment for firefighters (see also sect. 8). In case of a large fire or in confined or poorly ventilated spaces, wear full fire resistant protective clothing and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. EN 443. EN 469. EN 659.

Other information : In case of fire, do not discharge residual product, waste materials and runoff water: collect separately and use a proper treatment.

## SECTION 6: Accidental release measures

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

General measures : Stop or contain leak at the source, if safe to do so. Eliminate all ignition sources if safe to do so (e.g. electricity, sparks, fires, flares). Avoid accidental sprays on hot surfaces or electrical contacts. Avoid direct contact with released material. Keep upwind.

#### For non-emergency personnel

Protective equipment : See Section 8.

Emergency procedures : Keep non-involved personnel away from the area of spillage. Alert emergency personnel. Except in case of small spillages, the feasibility of any actions should always be assessed and advised, if possible, by a trained, competent person in charge of managing the emergency.

**For emergency responders**

| | | |
|---|---|---|
| Protective equipment | : | Small spillages: normal antistatic working clothes are usually adequate. Large spillages: full body suit of chemically resistant and antistatic material. if necessary heat resistant and insulated. Work gloves providing adequate chemical resistance, specifically to aromatic hydrocarbons. Gloves made of PVA are not water-resistant, and are not suitable for emergency use. If contact with hot product is possible or anticipated, gloves should be heat-resistant and thermally insulated. Antistatic non-skid safety shoes or boots, chemical resistant, if necessary heat resistant and insulated. Work helmet. Goggles and /or face shield, if splashes or contact with eyes is possible or anticipated. Respiratory protection: a half or full-face respirator with filter(s) for organic vapours (AX), or a Self-contained Breathing Apparatus (SCBA) can be used according to the extent of spill and predictable amount of exposure. If the situation cannot be completely assessed, or if an oxygen deficiency is possible, only SCBA's should be used. |
| Emergency procedures | : | Notify local authorities according to relevant regulations. |

### 6.2. Environmental precautions

Do not let the product accumulate in confined or underground spaces. Do not let the product flow into sewers or water courses, or in any way contaminate the environment. In case of contamination of environment compartments (soil, subsoil, surface or underground waters), remove contaminated soil when possible, and in any case treat all involved compartments in accordance with local regulations. The site should have a spill plan to ensure that adequate safeguards are in place to minimize the impact of episodic releases.

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

| | | |
|---|---|---|
| For containment | : | Contain spilled liquid with sand, earth or other suitable absorbents (non-flammable). Recover free liquid and waste materials in suitable waterproof and oil-resistant containers. Clean contaminated area. Dispose of according to local regulations. If in water: Confine the spillage. Remove from surface by skimming or suitable floating absorbents. Collect recovered product and other waste materials in suitable waterproof, oil resistant containers. Recover or dispose of according to local regulations. Do not use solvents or dispersants, unless specifically advised by an expert, and, if required, approved by local authorities. |
| Methods for cleaning up | : | Transfer recovered product and other materials to suitable tanks or containers and store/dispose according to relevant regulations. |
| Other information | : | Recommended measures are based on the most likely spillage scenarios for this material; however, local conditions (wind, air/water temperature, wave/current direction and speed) may significantly influence the choice of appropriate actions. Local regulations may also prescribe or limit actions to be taken. For this reason, local experts should be consulted when necessary. |

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

| | | |
|---|---|---|
| Precautions for safe handling | : | This material is combustible, but will not ignite readily. Provide adequate ventilation. Use adequate personal protective equipment as needed. Due to the extremely slippery nature of this material, more care than usual must be exercised in material handling practices to keep off all walking surfaces. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Avoid release to the environment. Emptied containers can contain combustible product residues. Do not cut, weld, drill, burn or incinerate empty containers or drums, unless they have been drained and cleaned. Before entering storage tanks and commencing any operation in a confined area (e.g. tunnels), carry out an adequate clean-up, and check the atmosphere for oxygen content, flammability, and the presence of sulphur compounds. The product may release Hydrogen Sulphide: a specific assessment of inhalation risks from the presence of hydrogen sulphide in tank headspaces, confined spaces, product residue, tank waste and waste water, and unintentional releases should be made to help determine controls appropriate to local circumstances. See also Section 16, "Other information". |

Hygiene measures : Ensure that proper housekeeping measures are in place. Avoid contact with skin. Do not breathe fume/ mist/ vapours. Do not ingest. Do not smoke. Do not eat and do not drink during use. Do not clean hands with dirty or oil-soaked rags. Do not re-use clothes, if they are still contaminated. Keep away from food and beverages. Take off immediately all contaminated clothing and wash it before reuse. Contaminated materials should not be allowed to accumulate in the workplaces and should never be kept inside the pockets. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Separate working clothes from town clothes. Launder separately.

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

Storage conditions : Store in dry, well ventilated area. Keep away from open flames, hot surfaces and sources of ignition. Do not smoke.

Incompatible products : Keep away from: strong oxidants.

Storage area : Storage area layout, tank design, equipment and operating procedures must comply with the relevant European, national or local legislation. Storage installations/areas should be designed with adequate bunds in case of leaks or spills. Cleaning, inspection and maintenance of internal structure of storage tanks must be done only by properly equipped and qualified personnel as defined by national, local or company regulations.

Packages and containers: : If the product is supplied in containers: Keep containers tightly closed and properly labelled. Keep only in the original container or in a suitable container for this kind of product.

Packaging materials : For containers, or container linings use materials specifically approved for use with this product. Compatibility should be checked with the manufacturer.

**Germany**

Storage class (LGK, TRGS 510) : LGK 10 - Combustible liquids

**Switzerland**

Storage class (LK) : LK 10/12 - Liquids

### 7.3. Specific end use(s)

No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**National occupational exposure and biological limit values**

| **Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based Baseoil - unspecified (72623-87-1)** | |
|---|---|
| **Austria - Occupational Exposure Limits** | |
| MAK (OEL TWA) | 5 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |
| **Belgium - Occupational Exposure Limits** | |
| OEL TWA | 5 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |
| **Denmark - Occupational Exposure Limits** | |
| OEL TWA | 1 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |
| OEL STEL | 2 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |
| **Hungary - Occupational Exposure Limits** | |
| AK (OEL TWA) | 5 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |
| **Netherlands - Occupational Exposure Limits** | |
| MAC TGG 8h (mg/m³) | 5 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |
| **Spain - Occupational Exposure Limits** | |
| VLA-ED (OEL TWA) | 5 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |

| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based<br>Baseoil - unspecified (72623-87-1) | |
|---|---|
| VLA-EC (mg/m³) | 10 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |
| **Sweden - Occupational Exposure Limits** | |
| NGV (OEL TWA) | 1 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |
| KGV (OEL STEL) | 3 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |
| **United Kingdom - Occupational Exposure Limits** | |
| WEL TWA (OEL TWA) | 5 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |
| WEL STEL (OEL STEL) | 10 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |
| **USA - ACGIH - Occupational Exposure Limits** | |
| ACGIH OEL TWA | 5 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |
| ACGIH OEL STEL | 10 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |

| Distillates (petroleum), solvent-refined light paraffinic (64741-89-5) | |
|---|---|
| **Austria - Occupational Exposure Limits** | |
| MAK (OEL TWA) | 5 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |
| **Belgium - Occupational Exposure Limits** | |
| OEL TWA | 5 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |
| **Denmark - Occupational Exposure Limits** | |
| OEL TWA | 1 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |
| OEL STEL | 2 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |
| **Hungary - Occupational Exposure Limits** | |
| AK (OEL TWA) | 5 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |
| **Netherlands - Occupational Exposure Limits** | |
| MAC TGG 8h (mg/m³) | 5 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |
| **Spain - Occupational Exposure Limits** | |
| VLA-ED (OEL TWA) | 5 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |
| VLA-EC (mg/m³) | 10 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |
| **Sweden - Occupational Exposure Limits** | |
| NGV (OEL TWA) | 1 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |
| KGV (OEL STEL) | 3 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |
| **United Kingdom - Occupational Exposure Limits** | |
| WEL TWA (OEL TWA) | 5 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |
| WEL STEL (OEL STEL) | 10 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |
| **USA - ACGIH - Occupational Exposure Limits** | |
| ACGIH OEL TWA | 5 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |
| ACGIH OEL STEL | 10 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m) |

### Recommended monitoring procedures

| Monitoring methods | |
|---|---|
| Monitoring methods | Monitoring procedures should be chosen according to the indications set by national authorities or labour contracts. Refer to relevant legislation and in any case to the good practice of industrial hygiene. |

### Air contaminants formed

Applicable OEL and BLV for air contaminants : None known

### DNEL and PNEC

| Eni OTE GT 32 | |
|---|---|
| **DNEL/DMEL (additional information)** | |
| Additional information | Not applicable |
| **PNEC (additional information)** | |
| Additional information | Not applicable |

| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based Baseoil - unspecified (72623-87-1) | |
|---|---|
| **DNEL/DMEL (Workers)** | |
| Long-term - systemic effects, dermal | 0.97 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 2.73 mg/m³ |
| Long-term - local effects, inhalation | 5.58 mg/m³ |
| **DNEL/DMEL (General population)** | |
| Long-term - systemic effects,oral | 0.74 mg/kg bodyweight/day |
| Long-term - local effects, inhalation | 1.19 mg/m³ |
| **PNEC (additional information)** | |
| Additional information | Not applicable (UVCB) |

| Distillates (petroleum), solvent-refined light paraffinic (64741-89-5) | |
|---|---|
| **DNEL/DMEL (Workers)** | |
| Long-term - systemic effects, dermal | 0.97 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 2.73 mg/m³ |
| Long-term - local effects, inhalation | 5.58 mg/m³ |
| **DNEL/DMEL (General population)** | |
| Long-term - systemic effects,oral | 0.74 mg/kg bodyweight/day |
| Long-term - local effects, inhalation | 1.19 mg/m³ |
| **PNEC (Oral)** | |
| PNEC oral (secondary poisoning) | 9.33 mg/kg food |

Note : The Derived No Effect Level (DNEL) is an estimated safe level of exposure that is derived from toxicity data in accord with specific guidance within the European REACH regulation. The DNEL may differ from an Occupational Exposure Limit (OEL) for the same chemical. OELs may be recommended by an individual company, a governmental regulatory body or an expert organization, such as the Scientific Committee for Occupational Exposure Limits (SCOEL) or the American Conference of Governmental Industrial Hygienists (ACGIH). OELs are considered to be safe exposure levels for a typical worker in an occupational setting for an 8-hour work shift, 40 hour work week, as a time weighted average (TWA) or a 15 minute short-term exposure limit (STEL). While also considered to be protective of health, OELs are derived by a process different from that of REACH.

### Control banding

Control banding : None known

## 8.2. Exposure controls

### Appropriate engineering controls

**Appropriate engineering controls:**
Ensure good ventilation of the work station. Before entering storage tanks and commencing any operation in a confined area (e.g. tunnels), carry out an adequate clean-up, and check the atmosphere for oxygen content and flammability. See also Section 16, "Other information".

### Personal protection equipment

**Personal protective equipment (for industrial or professional use):**
Face shield. Gloves. Protective clothing. Safety glasses. Safety shoes or boots.
**Personal protective equipment symbol(s):**

### Eye and face protection

**Eye protection:**
When there is a risk of contact with the skin, use waterproof gloves, resistant to chemical products. Gloves must be felt-lined.

### Skin protection

**Skin and body protection:**
Long-sleeved overalls. If necessary, refer to the EN 340 and related standards, for definition of characteristics and performance according to the risk rating of the area. Antistatic non-skid safety shoes or boots, chemical resistant, if necessary heat resistant and insulated.

**Hand protection:**
In case of repeated or prolonged contact wear gloves. Adequate materials: nitrile (NBR) or neoprene with a protection index ≥ 5 (permeation time ≥ 240 mins). Use gloves respecting all the conditions and within the limits set by the manufacturer. Replace gloves immediately in case of cuts, holes or other signs of damages or degradation. If necessary, refer to the EN 374 standard. Personal hygiene is a key element for an effective hand care. Gloves must be worn only with clean hands. After wearing gloves, hands must be carefully washed and dried.

### Respiratory protection

**Respiratory protection:**
Independently from other possible actions (technical modifications, operating procedures, and other means to limit the exposure of workers), personal protection equipment can be used according to necessity. Open or well ventilated spaces: in presence of mists and if the product is handled without adequate containment means: use full or half-face masks with filter for mists/aerosols. (EN 136/140/145). Combined gas/dust mask with filter type: EN 14387. Closed or confined areas (e.g. tank interiors): the use of protection measures for airways (masks or self-contained breathing apparatus), must be assessed according to the specific activity, as well as level and duration of predicted exposure. (EN 136/140/145)

### Thermal hazards

**Thermal hazard protection:**
If contact with hot product is possible or anticipated, gloves should be heat-resistant and thermally insulated.

### Environmental exposure controls

**Environmental exposure controls:**
Do not discharge the product into the environment. Storage areas/installations should be designed with adequate bunds so as to prevent ground and water pollution in case of leaks or spills. Prevent discharge of undissolved substance to or recover from onsite wastewater. Onsite wastewater treatment required. Do not apply industrial sludge to natural soils. Sludge should be incinerated, contained or reclaimed.
**Consumer exposure controls:**
Not applicable.

# SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

| | | |
|---|---|---|
| Physical state | : | Liquid |
| Colour | : | Yellow to amber. |
| Appearance | : | Liquid, bright & clear. |
| Odour | : | Slight odour of petroleum. |

| | | |
|---|---|---|
| Odour threshold | : | Not available |
| Melting point | : | Not applicable |
| Freezing point | : | Not determined |
| Boiling point | : | Not determined |
| Flammability | : | Not flammable |
| Lower explosion limit | : | Not determined |
| Upper explosion limit | : | Not determined |
| Flash point | : | 235 °C (ASTM D 92) |
| Auto-ignition temperature | : | Not determined |
| Decomposition temperature | : | Not determined |
| pH | : | Lack of data (on mixture / components of the mixture) - Data not available |
| Viscosity, kinematic | : | 32 mm²/s (40 °C) (ASTM D 445) |
| Viscosity, dynamic | : | Lack of data (on mixture / components of the mixture) - Data not available |
| Solubility | : | Water: Immiscible and insoluble |
| Log Kow | : | Not applicable for mixtures |
| Log Pow | : | Not applicable for mixtures |
| Vapour pressure | : | Not determined |
| Vapour pressure at 50°C | : | Not determined |
| Critical pressure | : | Not applicable for mixtures |
| Density | : | 849 kg/m³ |
| Relative density | : | Not determined |
| Relative vapour density at 20°C | : | Not determined |
| Particle characteristics | : | Not applicable |

### 9.2. Other information

#### Information with regard to physical hazard classes

| | | |
|---|---|---|
| Explosion limits | : | ≥ 45 g/m³ (Aerosol) |
| Critical temperature | : | Not applicable for mixtures |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

This mixture does not offer any further hazard for reactivity, except what is reported in the following paragraphs.

### 10.2. Chemical stability

Stable product, according to its intrinsic properties (in normal conditions of storage and handling).

### 10.3. Possibility of hazardous reactions

None (in normal conditions of storage and handling). Contact with strong oxidizers (peroxides, chromates, etc.) may cause a fire hazard.

### 10.4. Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

### 10.5. Incompatible materials

Strong oxidants.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition may produce : Toxic fumes.

## SECTION 11: Toxicological information

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

| | | |
|---|---|---|
| Acute toxicity (oral) | : | Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity (dermal) | : | Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity (inhalation) | : | Not classified (Based on available data, the classification criteria are not met) |

Additional information : (according to composition)

| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based Baseoil - unspecified (72623-87-1) | |
|---|---|
| LD50 oral rat | > 5000 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg bodyweight |
| LC50 Inhalation - Rat | ≥ 5.53 mg/l/4h |

| Distillates (petroleum), solvent-refined light paraffinic (64741-89-5) | |
|---|---|
| LD50 oral rat | > 5000 mg/kg (OECD 401) |
| LD50 dermal rat | > 5000 mg/kg (OECD 402) |
| LC50 Inhalation - Rat | > 5 mg/l/4h (OECD 403) |

| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1) | |
|---|---|
| LD50 oral rat | 5000 mg/kg bodyweight (OECD 401) |
| LD50 dermal rat | ≈ 2000 mg/kg bodyweight (OECD 402) |

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)
pH: Lack of data (on mixture / components of the mixture) - Data not available

Additional information : (according to composition)

| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based Baseoil - unspecified (72623-87-1) | |
|---|---|
| pH | Not applicable |

| Distillates (petroleum), solvent-refined light paraffinic (64741-89-5) | |
|---|---|
| pH | Not applicable |

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)
pH: Lack of data (on mixture / components of the mixture) - Data not available

Additional information : (according to composition)

| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based Baseoil - unspecified (72623-87-1) | |
|---|---|
| pH | Not applicable |

| Distillates (petroleum), solvent-refined light paraffinic (64741-89-5) | |
|---|---|
| pH | Not applicable |

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)

Additional information : (according to composition)

Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

Additional information : (according to composition)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

Additional information : (according to composition)
This product contains : Distillates (petroleum), hydrotreated heavy paraffinic, Distillates (petroleum), solvent-refined light paraffinic, Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, Lubricating oils (petroleum), C24-50, solvent-extd, dewaxed, hydrogenated; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by solvent extraction and hydrogenation of atmospheric distillation residues. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C24 through C50 and produces a finished oil with a viscosity in the order of 16cSt to 75cSt at 40 °C (104 °F).]
this product has a value of DMSO extract < 3 % wt, according to IP 346. According to the criteria laid out by the EU (note L, Annex VI of Regulation (CE) 1272/2008), this product must be regarded as non carcinogenic.

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

Additional information : (according to composition)

STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)

Additional information : (according to composition)

| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1) | |
|---|---|
| NOAEL (oral, rat) | 25 mg/kg bodyweight |

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)
Additional information : (according to composition)

| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based Baseoil - unspecified (72623-87-1) | |
|---|---|
| LOAEL (oral, rat, 90 days) | 125 mg/kg bodyweight/day (OECD TG 408) |

| Distillates (petroleum), solvent-refined light paraffinic (64741-89-5) | |
|---|---|
| LOAEL (oral, rat, 90 days) | 125 mg/kg bodyweight/day (OECD TG 408) |

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)
Additional information : (according to composition)
Viscosity, kinematic: > 20,5 mm2/s (40 °C) (ASTM D 445)

| Eni OTE GT 32 | |
|---|---|
| Viscosity, kinematic | 32 mm²/s (40 °C) (ASTM D 445) |

| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based Baseoil - unspecified (72623-87-1) | |
|---|---|
| Viscosity, kinematic | 29 – 34 mm²/s (40°C) (ASTM D 445) |

| Distillates (petroleum), solvent-refined light paraffinic (64741-89-5) | |
|---|---|
| Viscosity, kinematic | 12.5 – 14.5 mm²/s (40°C, ASTM D 445) |

| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1) | |
|---|---|
| Viscosity, kinematic | 352.7 mm²/s (40°C) |

### 11.2. Information on other hazards

#### Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

#### Other information

Potential adverse human health effects and symptoms : Contact with eyes may cause temporary reddening and irritation,Avoid all eye and skin contact and do not breathe vapour and mist
Other information : None

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. An uncontrolled release to the environment may nevertheless produce a contamination of different environmental compartments (air, soil, underground, surface water bodies, aquifers). Handle according to general working hygiene practices to avoid pollution and release into the environment.

Ecology - air : This product has a low vapour pressure. A significant exposure may happen only if the product is used at high temperature, or in case of sprays and mists.

Ecology - water : This product is not soluble in water. It floats on water and forms a film on the surface. The damage to aquatic organisms is of mechanical kind (immobilization and entrapment)

Hazardous to the aquatic environment, short–term (acute) : Not classified (Based on available data, the classification criteria are not met)

Hazardous to the aquatic environment, long–term (chronic) : Not classified (Based on available data, the classification criteria are not met)

| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based Baseoil - unspecified (72623-87-1) | |
|---|---|
| LC50 fish 1 | > 100 mg/l |
| EC50 Daphnia 1 | > 10000 mg/l WAF, 48 h (OECD 202) |

| Distillates (petroleum), solvent-refined light paraffinic (64741-89-5) | |
|---|---|
| LC50 fish 1 | > 100 mg/l (LL 50) |
| EC50 Daphnia 1 | > 10000 mg/l WAF, 48 h (OECD 202) |

| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1) | |
|---|---|
| LC50 fish 1 | ≥ 100 mg/l Brachydanio rerio (zebrafish) (OECD 203; 96 h) |
| EC50 Daphnia 1 | 51 mg/l 48 h (OECD 202) |
| EC50 72h - Algae [1] | > 100 mg/l (OECD 201, Desmodesmus subspicatus) |
| ErC50 (algae) | ≥ 100 mg/l 72 h; Desmodesmus subspicatus (OECD 201) |
| ErC50 (other aquatic plants) | ≥ 100 mg/l (3h, OECD 209) (ACTIVATED SLUDGE) |

## 12.2. Persistence and degradability

| Eni OTE GT 32 | |
|---|---|
| Persistence and degradability | The most significant constituents of the product should be considered as "inherently biodegradable", but not "readily biodegradable", and they may be moderately persistent, particularly in anaerobic conditions. |

| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based Baseoil - unspecified (72623-87-1) | |
|---|---|
| Persistence and degradability | The most significant constituents of the product should be considered as "inherently biodegradable", but not "readily biodegradable", and they may be moderately persistent, particularly in anaerobic conditions. |

| Distillates (petroleum), solvent-refined light paraffinic (64741-89-5) | |
|---|---|
| Persistence and degradability | The most significant constituents of the product should be considered as "inherently biodegradable", but not "readily biodegradable", and they may be moderately persistent, particularly in anaerobic conditions. |
| Biodegradation | 31 % (28d, Exxon 1995) |

| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1) | |
|---|---|
| Persistence and degradability | Rapidly degradable |
| BOD (% of ThOD) | 1 % ThOD (28 d) (OECD 301B; ISO 9439; 92/69/EEC, C.4-C) |
| Biodegradation | 8 % (OECD 301; Read-across) |

## 12.3. Bioaccumulative potential

| Eni OTE GT 32 | |
|---|---|
| Log Pow | Not applicable for mixtures |
| Log Kow | Not applicable for mixtures |
| Bioaccumulative potential | Not established. |

| Distillates (petroleum), solvent-refined light paraffinic (64741-89-5) | |
|---|---|
| Log Kow | Not determined |

| Distillates (petroleum), solvent-refined light paraffinic (64741-89-5) | |
|---|---|
| Bioaccumulative potential | The test methods for this endpoint are not applicable to UVCB substances. |

| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1) | |
|---|---|
| Bioconcentration factor (BCF REACH) | 1730 (42d) |
| Log Kow | > 5 (25°C) |

## 12.4. Mobility in soil

| Eni OTE GT 32 | |
|---|---|
| Ecology - soil | No data available. |

| Distillates (petroleum), solvent-refined light paraffinic (64741-89-5) | |
|---|---|
| Ecology - soil | This product is not soluble in water. It floats on water and forms a film on the surface. |

| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1) | |
|---|---|
| Log Koc | 3.8 |

## 12.5. Results of PBT and vPvB assessment

| Eni OTE GT 32 | |
|---|---|
| This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII | |
| This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII | |
| Results of PBT-vPvB assessment | The components in this formulation do not meet the criteria for classification as PBT or vPvB. The product should be considered prudentially as "Persistent" in the environment, according to the REACH Annex XIII criteria (point 1.1) |

| Component | |
|---|---|
| Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based Baseoil - unspecified (72623-87-1), Distillates (petroleum), solvent-refined light paraffinic (64741-89-5) |
| Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based Baseoil - unspecified (72623-87-1), Distillates (petroleum), solvent-refined light paraffinic (64741-89-5) |

## 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.

## 12.7. Other adverse effects

Other adverse effects : None.

Additional information : This product has no specific properties for inhibition of bacterial activity. In any case, wastewater containing this product should be treated in plants that are suited for the specific purpose.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Do not dispose of the product, either new or used, by discharging into sewers, tunnels, lakes or water courses. Deliver to a qualified official collector. Dispose of empty containers and wastes safely.

Sewage disposal recommendations : Dispose of in a safe manner in accordance with local/national regulations. Do not apply industrial sludge to natural soils. Sludge should be incinerated, contained or reclaimed.

Product/Packaging disposal recommendations : European Waste Catalogue code(s) (Decision 2001/118/CE): 13 02 05* (mineral-based non-chlorinated engine, gear and lubricating oils). This EWC code is only a general indication, and takes into account the original composition of the product and its intended use. The user has the responsibility of choosing the right EWC code, considering the actual use of the product, alterations and contaminations.

Additional information : Empty containers may contain combustible product residues. Do not cut, weld, drill, burn or incinerate empty containers or drums, unless they have been cleaned, and declared safe.

Ecology - waste materials : The product as it is does not contain halogenated substances.

EURAL code (EWC) : 13 02 05* - Mineral-based non-chlorinated engine, gear and lubricating oils

## SECTION 14: Transport information

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

| ADR | IMDG | IATA | ADN | RID |
|---|---|---|---|---|
| **14.1. UN number or ID number** | | | | |
| Not regulated for transport | | | | |
| **14.2. UN proper shipping name** | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| **14.3. Transport hazard class(es)** | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| **14.4. Packing group** | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| **14.5. Environmental hazards** | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| None. | | | | |

### 14.6. Special precautions for user

**Overland transport**
Not regulated

**Transport by sea**
Not regulated

**Air transport**
Not regulated

**Inland waterway transport**
Not regulated

**Rail transport**
Not regulated

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

Not applicable

## SECTION 15: Regulatory information

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

**EU-Regulations**

Other information, restriction and prohibition regulations : Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). (et sequens). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (et sequens). Directives 89/391/CEE, 89/654/CEE, 89/655/CEE, 89/656/CEE, 90/269/CEE, 90/270/CEE, 90/394/CEE, 90/679/CEE, 93/88/CEE, 95/63/CE, 97/42/CE, 98/24/CE, 99/38/CE, 99/92/CE, 2001/45/CE, 2003/10/CE, 2003/18/CE (Health and safety on the workplace). Directive 2012/18/CE (Control of major-accident hazards involving dangerous substances). Directive 2004/42/CE (Limitation of emissions of Volatile Organic Compounds). Directive 98/24/EC (protection of the health and safety of workers from the risks related to chemical agents at work). Directive 92/85/CE (measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding). Substances Depleting the Ozone layer (1005/2009) - Annex I Substances (ODP). POP (2019/1021) - Persistent Organic Pollutants. Regulation EU (649/2012) - Export and Import of hazardous chemicals (PIC). Commission Delegated Regulation (EU) 2017/2100. Commission Regulation (EU) 2018/605.

**REACH Annex XVII (Restriction List)**

| EU restriction list (REACH Annex XVII) | | |
|---|---|---|
| **Reference code** | **Applicable on** | **Entry title or description** |
| 3(b) | Distillates (petroleum), solvent-refined light paraffinic ; Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10 |

**REACH Annex XIV (Authorisation List)**

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

**REACH Candidate List (SVHC)**

No ingredients are included in the REACH Candidate list (> 0,1 % m/m).

**PIC Regulation (Prior Informed Consent)**

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

**POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

**Ozone Regulation (1005/2009)**

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

**Council Regulation (EC) for the control of dual-use items**

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

**Explosives Precursors Regulation (2019/1148)**

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

**Drug Precursors Regulation (273/2004)**

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

**National regulations**

National adoption of EU Directives concerning health and safety on the workplace.
National adoption of EU Directives concerning control of major-accident hazards involving dangerous substances (2012/18/CE).

Relevant national laws on prevention of water pollution.
Relevant national laws on protection of the health of pregnant workers (National adoption of Dir. 92/85/EEC).
National adoption of Directive 2008/98/CE concerning disposal of used oils.

### France

| Maladies professionelles (F) | |
|---|---|
| Code | Description |
| RG 36 | Diseases caused by oils and fats of mineral or synthetic origin |

### Germany

Employment restrictions : Employment prohibitions or restrictions on the protection of young people at work according to § 22 JArbSchG in the case of formation of hazardous substances have to be observed.

National Rules and Recommendations : TRGS 400: Hazard assessment for activities involving Hazardous Substances.
TRGS 401: Risks resulting from skin contact - identification, assessment, measures.
TRGS 402: Identification and Assessment of the Risks from Activities involving Hazardous Substances: Inhalation Exposure.
TRGS 555: Working instruction and information for workers.
TRGS 800: Fire protection measures.
TRGS 900: Occupational Exposure Limits.

VbF class (D) : Not applicable.

Water hazard class (WGK) (D) : WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1).

WGK remark : Classification is carried out on the basis of the Ordinance on facilities for handling substances that are hazardous to water (Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (AwSV)) of 18 April 2017 (BGBl 2017, Teil I, Nr. 22, Seite 905).

Hazardous Incident Ordinance (12. BImSchV) : Is not subject to the Hazardous Incident Ordinance (12. BImSchV)

### Netherlands

Saneringsinspanningen : C - Minimize discharge

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

### Denmark

Danish National Regulations : Young people under 18 years are not allowed to use the product
Pregnant/breastfeeding women working with the product must not be in direct contact with it

### Poland

Polish National Regulations : Act of 25 February 2011 on chemical substances and their mixtures (J. o L. No. 63, item 322 as amended; consolidated text J. o L. 2019, item 1225).
Act of 14 December 2012 on waste (J. o L. 2013, item 322 as amended; consolidated text J. o L. 2020, item 797).
The announcement of Marshal of the Sejm of the Republic of Poland dated 19 October 2016 concerning the consolidated text announcement of the decree on the management of packaging and packaging waste (J. o L. 2016, item 1863 as amended).
Decree of the Minister of Environment of 14 December 2014 on the catalogue of waste (J. o L. 2014, item 1923).
Act of 19 August 2011 on the Carriage of Dangerous Goods (J. o L. 2011 No. 227, item 1367 as amended; consolidated text J. o L. 2020, item 154).
Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the highest permissible concentration and intensity of noxious agents for health at work environment (J. o L. item 1286 as amended).
The announcement of Minister of Health dated 9 September 2016 concerning the consolidated text announcement of the decree of the Minister of Health of 30 December 2004 on health and safety at work related to exposure to chemical agents at work (J. o L. of 16 September 2016, item 1488)
Regulation of the Minister of Health of 2 February 2011 on tests and measurements of the noxious agents for health at work environment (J. o L. No. 33, item 166 as amended).
Regulation of the Minister of Environment of 9 December 2003 on particularly hazardous substances to the environment (J. o L. No. 217, item 2141).
ADR Agreement: Government Statement of 13 March 2023 on the entry into force of amendments to Annexes A and B to the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), signed in Geneva on 30 September 1957 (J. o. L. 2023, item 891)

### 15.2. Chemical safety assessment

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]
No chemical safety assessment has been carried out
**A chemical safety assessment has been carried out for the following components of this mixture::**
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based
Baseoil - unspecified
Distillates (petroleum), solvent-refined light paraffinic
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene

## SECTION 16: Other information

| Indication of changes | | |
|---|---|---|
| **Section** | **Changed item** | **Comments** |
| 3 | Composition/information on ingredients | **Modified** |

| Abbreviations and acronyms: | |
|---|---|
| | Complete text of the H phrases quoted in this Safety Data Sheet. These phrases are reported here for information only, and MAY NOT correspond to the classification of the product. |
| | N/D = not available |
| | N/A = not applicable |
| 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 |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration factor |
| CAS-No. | Chemical Abstract Service number |

| Abbreviations and acronyms: | |
|---|---|
| CLP | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 |
| DMEL | Derived Minimal Effect level |
| DNEL | Derived-No Effect Level |
| EC50 | Effective concentration for 50 percent of test population (median effective concentration) |
| EC-No. | European Community number |
| ED | Endocrine disruptor |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| LC50 | Lethal concentration for 50 percent of test population (median lethal concentration) |
| LD50 | Lethal dose for 50 percent of test population (median lethal dose) |
| LOAEL | Lowest Observed Adverse Effect Level |
| NOAEC | No-Observed Adverse Effect Concentration |
| NOAEL | No-Observed Adverse Effect Level |
| NOEC | No-Observed Effect Concentration |
| OECD | Organisation for Economic Co-operation and Development |
| OEL | Occupational Exposure Limit |
| PBT | Persistent Bioaccumulative Toxic |
| PNEC | Predicted No-Effect Concentration |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals, Regulation (EC) No 1907/2006 |
| RID | Regulation concerning the International Carriage of Dangerous Goods by Railways |
| SDS | Safety Data Sheet |
| STP | Sewage treatment plant |
| VOC | Volatile Organic Compounds |
| vPvB | Very Persistent and Very Bioaccumulative |
| WGK | Water Hazard Class |

Data sources : This Safety Data Sheet is based on the real characteristics of the components and their combination, taking into account the information provided by the suppliers.

Training advice : Provide adequate training to professional operators for the use of PPEs, according to the information contained in this Safety Data Sheet.

Other information : Do not use the product for any purposes that have not been advised by the manufacturer.

| Full text of H- and EUH-statements: | |
|---|---|
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| EUH210 | Safety data sheet available on request. |
| H304 | May be fatal if swallowed and enters airways. |
| H361f | Suspected of damaging fertility. |
| Repr. 2 | Reproductive toxicity, Category 2 |

Safety Data Sheet (SDS), EU

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.