



Eni Celtis 903

Product Safety Information Sheet

A safety data sheet is not required for this product under Article 31 of REACH. This Product Safety Information Sheet has been created on a voluntary basis
Revision date: 7/12/2024 Version: 1.0

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

1.1. Product identifier

| | |
|-----------------|---|
| Product form | : Substance (UVCB) |
| Trade name | : Eni Celtis 903 |
| Chemical name | : Distillates (petroleum), solvent-dewaxed heavy paraffinic |
| Product code | : 7250 |
| Type of product | : Mixture of hydrocarbons |
| Formula | : 0015-2022 |
| Product group | : Trade product |

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 |
| Industrial/Professional use spec | : Used in closed systems Non-dispersive use Use resulting in inclusion into or onto a matrix |
| Use of the substance/mixture | : Rubber production and processing Use in polymer processing Rubber extender ---- Do not use the product for any purposes that have not been advised by the manufacturer. |
| Function or use category | : Viscosity adjusters, Vulcanising agents |

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of product safety information 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

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e-mail: technik.wuerzburg@enilive.com

1.4. Emergency telephone number

| | |
|------------------|--|
| Emergency number | : CNIT +39 0382 24444 (24h) (IT + EN) 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

None to be reported, according to the present EU regulations.

No labelling applicable

2.3. Other hazards (not relevant for classification)

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

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This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

| Component | |
|----------------|---|
| Eni Celtis 903 | 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 |

SECTION 3: Composition/information on ingredients

3.1. Substances

| | |
|----------------|---|
| Notes | : 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. this product may be formulated with one or more of the following base oils (not classified as hazardous): CAS 64742-54-7/ REACH Reg. # 01-2119484627-25-XXXX; CAS 64742-65-0/ REACH Reg. # 01-2119471299-27-XXXX; CAS 64742-65-0/ EC 265-169-7/ REACH Reg # 01-2119471299-27-XXXX/ EC index No 649-474-00-6 |
| Substance type | : UVCB |
| Chemical name | : Distillates (petroleum), solvent-dewaxed heavy paraffinic |

| Name | Product identifier | % |
|---|--------------------|-----|
| Distillates (petroleum), solvent-dewaxed heavy paraffinic | - | 100 |

3.2. Mixtures

Not applicable

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 inflammation or irritation persists, seek medical advice. 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 persists, seek medical advice. 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. In case of spontaneous vomiting, keep head low, to avoid the risk of aspiration 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 / injuries (general indications) | : Not expected to present a significant hazard under anticipated conditions of normal use. |
| 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 in case of sprays and mists. In these cases overexposure to mists (e.g. through prolonged use in confined insufficiently ventilated spaces) 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 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. |

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Symptoms/effects upon intravenous administration : No information available.
Chronic symptoms : None to be reported, according to the present classification criteria.

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

Send the casualty immediately to hospital. If breathing stops, give artificial respiration. Administer oxygen if necessary.

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 air.

5.3. Advice for firefighters

Firefighting instructions : Shut off source of product, if possible. Spilled product which is not burning should be covered with sand or foam. If possible, move containers and drums away from the danger area, if safe to do so. 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 : Advice for firefighters and protective measures. 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.
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.

6.1.1. 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.

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6.1.2. 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 combined dust/organic vapour filter(s), 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 : If required, notify relevant authorities according to all applicable 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.
- 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 : Ensure that all relevant regulations regarding handling and storage facilities of flammable products are followed. Do not use compressed air for filling, discharging, or handling operations. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use and store only outdoors or in a well-ventilated area. During transfer and mixing operations, ensure that all equipment is correctly grounded. Avoid the build-up of electric charges. 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. See also Section 16, "Other information". If the product is stored in tanks: 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.
- Handling temperature : This product can be handled at ambient temperatures.
- Hygiene measures : 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.

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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 temperature | : This product can be stored at ambient temperatures. |
| 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, according to the specific use conditions. |

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

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

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Distillates (petroleum), solvent-dewaxed heavy paraffinic

ACGIH OEL STEL

10 mg/m³ (Mineral base oil mist, severely refined, DMSO extract <3% m/m)

8.1.2. 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.

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

Distillates (petroleum), solvent-dewaxed heavy paraffinic

DNEL/DMEL (additional information)

Additional information

Not derived - Not classified as hazardous for health

PNEC (additional information)

Additional information

Not derived - Not classified as hazardous for environment

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.

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

See also Section 16, "Other information". 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.

8.2.2. Personal protection equipment

Personal protective equipment (for industrial or professional use):

Face shield. Gloves. Protective clothing. Safety glasses. Safety shoes or boots. Dust/aerosol mask.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

When there is a risk of contact with the eyes, use safety goggles or other means of protection (face shield). If necessary, refer to national standards or to the EN 166 standard.

8.2.2.2. 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 and insulated.

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Hand protection:

When there is a risk of contact with the skin, use waterproof gloves, resistant to chemical products. Gloves must be felt-lined. Adequate materials: nitrile (NBR) or PVC 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.

8.2.2.3. 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. Combination filter device (DIN EN 141). 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. Open or well ventilated spaces: if the product is handled without adequate containment means for mists: use full or half-face masks with filter for mists/aerosols. (EN 136/140/145). Open or well ventilated spaces: if the product is handled without adequate containment: use full or half-face masks with adequate filter for mists and organic vapours. (EN 136/140/145)

8.2.2.4. Thermal hazards

Thermal hazard protection:

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

8.2.3. 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 | : Pale yellow. |
| Appearance | : Liquid, bright & clear. |
| Odour | : Slight odour of petroleum. |
| Odour threshold | : Not available |
| Melting point | : Not available |
| Freezing point | : 0 °C (101.325 kPa) |
| Softening point | : -9 – -6 °C (ASTM D 92) |
| Boiling point | : 207 – 750 °C (101.325 kPa) |
| Flammability | : Not flammable |
| Lower explosion limit | : Not available |
| Upper explosion limit | : Not available |
| Flash point | : 205 °C (ASTM D 92) |
| Auto-ignition temperature | : > 300 °C (DIN 51794) |
| Decomposition temperature | : 280 °C (DSC N2), 169-241 °C (DSC aria) |
| pH | : Not available |
| Viscosity, kinematic | : 29 – 32 mm ² /s (40 °C) (ASTM D 445) |
| Solubility | : Water: Immiscible and insoluble |
| Log Kow | : Not available |
| Vapour pressure | : 10 Pa (20°C) |
| Vapour pressure at 50°C | : Not available |
| Density | : 865 kg/m ³ (ASTM D 4052) |
| Relative density | : Not available |
| Relative vapour density at 20°C | : Not available |
| Particle characteristics | : Not applicable |

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9.2. Other information

9.2.1. Information with regard to physical hazard classes

Explosion limits : $\geq 45 \text{ g/m}^3$ (Aerosol)

9.2.2. Other safety characteristics

Relative evaporation rate (butylacetate=1) : Negligible.

Refractive index : 1.48 (ASTM D 1218) (20°C)

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.

10.3. Possibility of hazardous reactions

None (in normal conditions of storage and handling). Contact with strong oxidizers (peroxides, chromates, etc.) or alkali metals may cause a fire hazard. A mixture with nitrates or other strong oxidisers (e.g. chlorates, perchlorates, liquid oxygen) may create an explosive mass. Sensitivity to heat, friction or shock cannot be assessed in advance.

10.4. Conditions to avoid

Keep away from strong oxidizers. Keep away from open flames, hot surfaces and sources of ignition. Avoid the build-up of electrostatic charge.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

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

| | |
|-----------------------------------|---|
| Acute toxicity (oral) | : Not classified (Conclusive but not sufficient for classification) |
| Acute toxicity (dermal) | : Not classified (Conclusive but not sufficient for classification) |
| Acute toxicity (inhalation) | : Not classified (Conclusive but not sufficient for classification) |
| Skin corrosion/irritation | : Prolonged and repeated skin contact may cause reddening, irritation and dermatitis, due to a defatting effect. (Conclusive but not sufficient for classification) |
| Serious eye damage/irritation | : Avoid contact with eyes (Conclusive but not sufficient for classification) |
| Respiratory or skin sensitisation | : Not classified (Conclusive but not sufficient for classification) |
| Germ cell mutagenicity | : Not classified (Conclusive but not sufficient for classification) |
| Carcinogenicity | : Not classified (Conclusive but not sufficient for classification) |
| Additional information | : this product has a value of DMSO extract $< 3 \text{ % wt}$, 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 (Conclusive but not sufficient for classification) |
| STOT-single exposure | : Not classified (Conclusive but not sufficient for classification) |
| STOT-repeated exposure | : Not classified (Conclusive but not sufficient for classification) |
| Aspiration hazard | : Not classified (Conclusive but not sufficient for classification) |

Distillates (petroleum), solvent-dewaxed heavy paraffinic

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|----------------------|---|
| Viscosity, kinematic | 29 – 32 mm ² /s (40 °C) (ASTM D 445) |
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11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

Potential adverse human health effects and symptoms : 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, 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.

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

Hazardous to the aquatic environment, long-term (chronic) : Not classified

12.2. Persistence and degradability

Distillates (petroleum), solvent-dewaxed heavy paraffinic

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|-------------------------------|--|
| Persistence and degradability | Substance is complex UVCB. The test methods for this endpoint are not applicable to UVCB substances. |
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12.3. Bioaccumulative potential

Distillates (petroleum), solvent-dewaxed heavy paraffinic

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|---------------------------|---|
| Bioaccumulative potential | The test methods for this endpoint are not applicable to UVCB substances. |
|---------------------------|---|

12.4. Mobility in soil

Distillates (petroleum), solvent-dewaxed heavy paraffinic

| | |
|----------------|---|
| Ecology - soil | The test methods for this endpoint are not applicable to UVCB substances. |
|----------------|---|

12.5. Results of PBT and vPvB assessment

Distillates (petroleum), solvent-dewaxed heavy paraffinic

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

Component

| | |
|----------------|---|
| Eni Celtis 903 | 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 |
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12.6. Endocrine disrupting properties

No additional information available

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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 dumping on the ground, or 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, bore, burn or incinerate emptied containers, 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 applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.2. UN proper shipping name | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.3. Transport hazard class(es) | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.4. Packing group | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.5. Environmental hazards | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| None. | | | | |

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

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Inland waterway transport

Not applicable

Rail transport

Not applicable

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Not listed on REACH Annex XVII

REACH Annex XIV (Authorisation List)

Not listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Not listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Not listed on the PIC list (Regulation EU 649/2012)

POP Regulation (Persistent Organic Pollutants)

Not listed on the POP list (Regulation EU 2019/1021)

Ozone Regulation (1005/2009)

Not listed on the Ozone Depletion list (Regulation EU 1005/2009)

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)

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

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| | |
|--|--|
| VbF class (D) | : Not applicable. |
| Water hazard class (WGK) (D) | : WGK 1, Slightly hazardous to water. |
| WGK remark | : Classification based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS). |
| Storage class (LGK, TRGS 510) | : LGK 12 - Non-combustible liquids. |
| 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 | : The substance is not listed |
| SZW-lijst van reprotoxische stoffen – Vruchtbaarheid | : The substance is not listed |
| SZW-lijst van reprotoxische stoffen – Ontwikkeling | : The substance is not 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 |
|-----------------------------|---|

Switzerland

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

15.2. Chemical safety assessment

This substance is classified as not hazardous according to regulation (EC) 1272/2008 [CLP], so the drafting of exposure scenarios is not required according to Article 14, paragraph 4 of Regulation (EC) No. 1907/2006.

SECTION 16: Other information

A safety data sheet is not required for this product under Article 31 of REACH. This Product Safety Information Sheet has been created on a voluntary basis

| Indication of changes | | | |
|-----------------------|--------------|--------|-------|
| Section | Changed item | Change | Notes |
| | First issue. | | |

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 |
| 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) |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |

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| Abbreviations and acronyms: | |
|-----------------------------|--|
| 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 |
| 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 |
| vPvB | Very Persistent and Very Bioaccumulative |

- 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.

Safety Data Sheet (SDS), EU