



MSD064ENEU


Rev: A

Date: 18 October 2022

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|---|
| Graco Product Name: General Purpose Lubricating Grease |
| Part Numbers: 111920 |

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|---|
| Material Manufacturer: Lubriplate Lubricants Co. |
| Product Name: Lubriplate No.630-AA |
| Part Numbers: L0067 series |

The attached manufacturer's SDS has been modified to meet REACH requirements.

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|  | <p>This Data Sheet contains important information. READ AND KEEP FOR REFERENCE.</p> |
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| | Lubriplate No. 630-AA | Supersedes : |
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Trade name : Lubriplate No. 630-AA
Part Number(s) : L0067-004, L0067-005, L0067-035, L0067-039, L0067-040, L0067-078A, L0067-079, L0067-086, L0067-092, L0067-040B, L0067-100, L0067-001, L0067-006, L0067-040NL, L0067-078
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1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Intended for general public
Main use category : Industrial uses, Professional uses, Consumer use
Use of the substance/mixture : Lubricating grease

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

GRACO DISTRIBUTION BV
Slakweidestraat 31
3630 Maasmechelen - Belgium
T +32 89 770 700
reach@graco.com - www.graco.com

Supplier

GRACO Ltd.
29 Wellington St
LS1 4DL Leeds - United Kingdom
T 0800 404 76 60
reach@graco.com

Manufacturer

Lubriplate Lubricants Co.
Corporate Headquarters
129 Lockwood Street
Newark, NJ 07105 - United States

1.4. Emergency telephone number

| Country | Official advisory body | Address | Emergency number |
|---------|--|--|--|
| Ireland | National Poisons Information Centre Beaumont Hospital | PO Box 1297 Beaumont Road 9 Dublin | +353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7) |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Aquatic Chronic 2 H411

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

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2.2. Label elements

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

Hazard pictograms (CLP) :



Signal word : -

Hazard statements (CLP) : H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) : P273 - Avoid release to the environment.
P391 - Collect spillage.
P501 - Dispose of contents and container to an approved waste disposal plant.

Child-resistant fastening : Not applicable

Tactile warning : Not applicable

2.3. Other hazards

Other hazards : Results of PBT and vPvB assessment : Not applicable.

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

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 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 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Substance name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|-------|---|
| zinc oxide | (CAS-No.) 1314-13-2 (EC-No.) 215-222-5 (EC Index) 030-013-00-7 | 1 – 5 | Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| Tris(dipentylidithiocarbamato-S,S')antimony | (CAS-No.) 15890-25-2 (EC-No.) 240-028-2 (EC Index) 051-003-00-9 | 1 – 5 | Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Oral), H302 Aquatic Chronic 2, H411 |

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

SECTION 4: First aid measures

4.1. Description of first aid measures

Additional advice :

First aider: Pay attention to self-protection!. Concerning personal protective equipment to use, see section 8. Never give anything by mouth to an unconscious person. In case of doubt or persistent symptoms, consult always a physician. Show this safety data sheet to the doctor in attendance. Treat symptomatically.

Inhalation :

Remove casualty to fresh air and keep warm and at rest. In case of doubt or persistent symptoms, consult always a physician.

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- Skin contact : Remove contaminated clothing and shoes. Gently wash with plenty of soap and water. In case of doubt or persistent symptoms, consult always a physician.
- Eyes contact : Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing. In case of doubt or persistent symptoms, consult always a physician.
- Ingestion : Rinse mouth thoroughly with water. Do not induce vomiting without medical advice. Get medical advice/attention.

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

- Inhalation : The following symptoms may occur: May cause irritation to the respiratory tract.
- Skin contact : The following symptoms may occur: Repeated exposure may cause skin dryness or cracking.
- Eyes contact : The following symptoms may occur: May be irritating.
- Ingestion : The following symptoms may occur: Discomfort. Pain. Vomiting.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : carbon dioxide (CO₂), powder, alcohol-resistant foam, water spray. Use extinguishing media appropriate for surrounding fire.
- Unsuitable extinguishing media : Strong water jet.

5.2. Special hazards arising from the substance or mixture

- Specific hazards : Not flammable.
- Hazardous decomposition products in case of fire : Carbon oxides (CO, CO₂). Organic compounds.

5.3. Advice for firefighters

- Firefighting instructions : Evacuate area. Use water spray or fog for cooling exposed containers. Contain the extinguishing fluids by bunding. Prevent fire fighting water from entering the environment.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus.
- Other information : Do not allow run-off from fire-fighting to enter drains or water courses. Dispose of waste in accordance with environmental legislation.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- For non-emergency personnel : Evacuate unnecessary personnel. Keep upwind. Provide adequate ventilation. Wear recommended personal protective equipment. Concerning personal protective equipment to use, see section 8. Avoid breathing vapours. Avoid contact with skin, eyes and clothing.

6.1.2. For emergency responders

- For emergency responders : Ensure procedures and training for emergency decontamination and disposal are in place. Concerning personal protective equipment to use, see section 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Notify authorities if product enters sewers or public waters.

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6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Stop leak if safe to do so. Dam up the solid spill. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Large spills: scoop solid spill into closing containers. This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Provide adequate ventilation. Use personal protective equipment as required. Concerning personal protective equipment to use, see section 8. Avoid breathing vapours. Avoid contact with skin, eyes and clothing. Take any precaution to avoid mixing with Incompatible materials, Refer to Section 10 on Incompatible Materials. Ensure proper process control to avoid excess waste discharge (temperature, concentration, pH, time). Avoid release to the environment.

Hygiene measures : Keep good industrial hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feedingstuffs. Remove contaminated clothes. Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a dry, cool and well-ventilated place. Bund storage facilities to prevent soil and water pollution in the event of spillage.

Packaging materials : Keep only in the original container.

7.3. Specific end use(s)

For further information see section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| zinc oxide (1314-13-2) | | |
|------------------------|-------------------|--|
| Austria | MAK (OEL TWA) | 5 mg/m ³ (respirable fraction, smoke) |
| Belgium | OEL TWA | 10 mg/m ³ (dust) 5 mg/m ³ (fume) 5 mg/m ³ (aerosol and vapor) |
| Belgium | OEL STEL | 10 mg/m ³ (fume) 10 mg/m ³ (aerosol and vapor) |
| Bulgaria | OEL TWA | 5 mg/m ³ |
| Bulgaria | OEL STEL | 10 mg/m ³ |
| Croatia | GVI (OEL TWA) [1] | 2 mg/m ³ (respirable dust) |
| Croatia | KGVI (OEL STEL) | 10 mg/m ³ |
| Czech Republic | PEL (OEL TWA) | 2 mg/m ³ |
| Denmark | OEL TWA [1] | 4 mg/m ³ 4 mg/m ³ (fume) |
| Estonia | OEL TWA | 5 mg/m ³ |
| Finland | HTP (OEL TWA) [1] | 2 mg/m ³ (fume) |
| Finland | HTP (OEL STEL) | 10 mg/m ³ (fume) |

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| zinc oxide (1314-13-2) | | |
|-------------------------------|---------------------------|---|
| France | VME (OEL TWA) | 5 mg/m ³ (fume) 10 mg/m ³ (dust) |
| Greece | OEL TWA | 5 mg/m ³ (fume) |
| Greece | OEL STEL | 10 mg/m ³ (fume) |
| Hungary | AK (OEL TWA) | 5 mg/m ³ (respirable dust) |
| Hungary | CK (OEL STEL) | 20 mg/m ³ (respirable dust) |
| Ireland | OEL TWA [1] | 2 mg/m ³ (fume; respirable fraction) |
| Ireland | OEL STEL | 10 mg/m ³ (fume; respirable fraction) |
| Latvia | OEL TWA | 0,5 mg/m ³ |
| Lithuania | IPRV (OEL TWA) | 5 mg/m ³ |
| Poland | NDS (OEL TWA) | 5 mg/m ³ (inhalable fraction) |
| Poland | NDSch (OEL STEL) | 10 mg/m ³ (inhalable fraction) |
| Portugal | OEL TWA | 2 mg/m ³ (respirable fraction) |
| Portugal | OEL STEL | 10 mg/m ³ (respirable fraction) |
| Romania | OEL TWA | 5 mg/m ³ (fume) |
| Romania | OEL STEL | 10 mg/m ³ (fume) |
| Slovakia | NPHV (OEL TWA) [1] | 1 mg/m ³ (fume) |
| Slovakia | NPHV (OEL C) | 1 mg/m ³ |
| Spain | VLA-ED (OEL TWA) [1] | 2 mg/m ³ (respirable fraction) |
| Spain | VLA-EC (OEL STEL) | 10 mg/m ³ |
| Sweden | NGV (OEL TWA) | 5 mg/m ³ (total dust) |
| Norway | Grenseverdi (OEL TWA) [1] | 5 mg/m ³ |
| Norway | Korttidsverdi (OEL STEL) | 10 mg/m ³ (value calculated) |
| Switzerland | MAK (OEL TWA) [1] | 3 mg/m ³ (respirable dust, smoke) |
| Switzerland | KZGW (OEL STEL) | 3 mg/m ³ (respirable dust, smoke) |
| Australia | OES TWA [1] | 10 mg/m ³ (containing no Asbestos and <1% Crystalline silica-inhalable dust) 5 mg/m ³ (fume) |
| Australia | OES STEL | 10 mg/m ³ (fume) |
| Canada (Quebec) | VECD (OEL STEL) | 10 mg/m ³ (respirable dust) |
| Canada (Quebec) | VEMP (OEL TWA) | 2 mg/m ³ (respirable dust) |
| USA - ACGIH | ACGIH OEL TWA | 2 mg/m ³ (respirable particulate matter) |
| USA - ACGIH | ACGIH OEL STEL | 10 mg/m ³ (respirable particulate matter) |
| USA - IDLH | IDLH | 500 mg/m ³ |
| USA - NIOSH | NIOSH REL TWA | 5 mg/m ³ (dust and fume) |
| USA - NIOSH | NIOSH REL STEL | 10 mg/m ³ (fume) |
| USA - NIOSH | NIOSH REL C | 15 mg/m ³ (dust) |
| USA - OSHA | OSHA PEL TWA [1] | 5 mg/m ³ (fume) 15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction) |

Additional information

: Recommended monitoring procedures :. Personal air monitoring. Room air monitoring

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8.2. Exposure controls

| | |
|---------------------------------|--|
| Engineering measure(s) | : Provide adequate ventilation. Organisational measures to prevent /limit releases, dispersion and exposure. See Section 7 for information on safe handling. |
| Personal protective equipment | : The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. |
| Hand protection | : Wear chemically resistant gloves (tested to EN374) . Suitable material: Nitrile rubber. Breakthrough time : >8h. Thickness : >0,3 mm. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. |
| Eye protection | : If there is a risk of liquid being splashed : Use suitable eye protection (EN166): Safety glasses |
| Body protection | : Wear suitable protective clothing. Wear suitable working clothes. Wear suitable coveralls to prevent exposure to the skin |
| Respiratory protection | : In case of insufficient ventilation, wear suitable respiratory equipment. Half-face mask (DIN EN 140). full face mask (DIN EN 136). Filter type: A/P (EN 141). The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used. (EN 137) |
| Thermal hazard protection | : Not required for normal conditions of use. Use dedicated equipment. |
| Environmental exposure controls | : Avoid release to the environment. Comply with applicable Community environmental protection legislation. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|--------------------------------------|
| Physical state | : Solid |
| Appearance | : Liquid. Solid. |
| Colour | : Off-white. |
| Odour | : mild. |
| Odour threshold | : No data available |
| pH | : No data available |
| pH solution | : Not available |
| Relative evaporation rate (butylacetate=1) | : < 0,01 |
| Melting / freezing point | : No data available |
| Freezing point | : No data available |
| Initial boiling point and boiling range | : > 288 °C |
| Flash point | : > 204 °C Cleveland Open Cup Method |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability | : No data available |
| Vapour pressure | : < 1,3 Pa (25 °C) |
| Vapour density | : > 5 |
| Relative density | : 0,95 |
| Solubility | : Water: Insoluble in water |
| Partition coefficient n-octanol/water | : No data available |
| Kinematic viscosity | : No data available |
| Dynamic viscosity | : No data available |

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| | |
|--------------------------------|---|
| Explosive properties | : Not applicable. The study does not need to be conducted because there are no chemical groups associated with explosive properties present in the molecule. |
| Oxidising properties | : Not applicable. The classification procedure needs not to be applied because there are no chemical groups present in the molecule which are associated with oxidising properties. |
| Explosive limits | : No data available |
| Particle size | : Not available |
| Particle size distribution | : Not available |
| Particle shape | : Not available |
| Particle aspect ratio | : Not available |
| Particle aggregation state | : Not available |
| Particle agglomeration state | : Not available |
| Particle specific surface area | : Not available |
| Particle dustiness | : Not available |

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

Relative evaporation rate (butylacetate=1) : < 0,01

SECTION 10: Stability and reactivity

10.1. Reactivity

None under normal conditions. Reference to other sections: 10.4 & 10.5.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under normal conditions. See Section 7 for information on safe handling.

10.5. Incompatible materials

None known. See Section 7 for information on safe handling.

10.6. Hazardous decomposition products

Reference to other sections 5.2.

SECTION 11: Toxicological information

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

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

| | |
|-------------------------------|---|
| zinc oxide (1314-13-2) | |
| LD50/oral/rat | > 5000 mg/kg |
| LD50/dermal/rat | > 2000 mg/kg |
| LC50/inhalation/4h/rat | > 5700 mg/m ³ (Exposure time: 4 h) |

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| Tris(dipentylidithiocarbamate-S,S')antimony (15890-25-2) | |
|---|---------------|
| LD50/oral/rat | > 16400 mg/kg |
| LD50/dermal/rat | 16400 mg/kg |
| LD50/dermal/rabbit | > 16000 mg/kg |

| | |
|-----------------------------------|--|
| Skin corrosion/irritation | : Not classified (Based on available data, the classification criteria are not met) pH: No data available |
| Serious eye damage/irritation | : Not classified (Based on available data, the classification criteria are not met) pH: No data available |
| Respiratory or skin sensitisation | : Not classified (Based on available data, the classification criteria are not met) |
| Germ cell mutagenicity | : Not classified (Based on available data, the classification criteria are not met) |
| Carcinogenicity | : Not classified (Based on available data, the classification criteria are not met) |
| Reproductive toxicity | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-single exposure | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-repeated exposure | : Not classified (Based on available data, the classification criteria are not met) |
| Aspiration hazard | : Not classified (Based on available data, the classification criteria are not met) |

| Lubriplate No. 630-AA | |
|------------------------------|-------------------|
| Kinematic viscosity | No data available |

Other information : Symptoms related to the physical, chemical and toxicological characteristics. For further information see section 4.

11.2. Information on other hazards

11.2.1. 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 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 at a concentration equal to or greater than 0,1 %

11.2.2 Other information

Other information : Symptoms related to the physical, chemical and toxicological characteristics, For further information see section 4

SECTION 12: Ecological information

12.1. Toxicity

Environmental properties : Toxic to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.

| zinc oxide (1314-13-2) | |
|-------------------------------|---|
| LC50 - Fish [1] | 1,55 mg/l (Exposure time: 96 h - Species: Danio rerio [static]) |

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12.2. Persistence and degradability

| | |
|-------------------------------|--------------------------------------|
| Lubriplate No. 630-AA | |
| Persistence and degradability | No additional information available. |

12.3. Bioaccumulative potential

| | |
|---------------------------------------|--------------------------------------|
| Lubriplate No. 630-AA | |
| Partition coefficient n-octanol/water | No data available |
| Bioaccumulative potential | No additional information available. |

12.4. Mobility in soil

| | |
|------------------------------|-------------------|
| Lubriplate No. 630-AA | |
| Mobility in soil | No data available |

12.5. Results of PBT and vPvB assessment

| | |
|------------------------------|---|
| Lubriplate No. 630-AA | |
| Results of PBT assessment | Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII |

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 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 at a concentration equal to or greater than 0,1 %

12.7. Other adverse effects

Other adverse effects : No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Avoid release to the environment. Dispose of empty containers and wastes safely. See Section 7 for information on safe handling. Refer to manufacturer/supplier for information on recovery/recycling. Recycling is preferred to disposal or incineration. If recycling is not possible, eliminate in accordance with local valid waste disposal regulations. Handle contaminated packages in the same way as the substance itself. Dispose of contaminated materials in accordance with current regulations.






European waste catalogue (2001/573/EC, 75/442/EEC, 91/689/EEC) : This material and its container must be disposed of as hazardous waste
Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities

SECTION 14: Transport information

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

| ADR | IMDG | IATA | ADN | RID |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| 14.1. UN number | | | | |
| 3077 | 3077 | 3077 | 3077 | 3077 |
| 14.2. UN proper shipping name | | | | |
| ENVIRONMENTALLY HAZARDOUS SUBSTANCE, | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, | Environmentally hazardous substance, | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, |

| | | |
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| ADR | IMDG | IATA | ADN | RID |
|--|---|---|---|---|
| SOLID, N.O.S. (zinc oxide ; Tris(dipentylidithiocarbamato-S,S')antimony) | SOLID, N.O.S. (zinc oxide ; Tris(dipentylidithiocarbamato-S,S')antimony) | solid, n.o.s. (zinc oxide ; Tris(dipentylidithiocarbamato-S,S')antimony) | SOLID, N.O.S. (zinc oxide ; Tris(dipentylidithiocarbamato-S,S')antimony) | SOLID, N.O.S. (zinc oxide ; Tris(dipentylidithiocarbamato-S,S')antimony) |
| Transport document description | | | | |
| UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide ; Tris(dipentylidithiocarbamato-S,S')antimony), 9, III, (-) | UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide ; Tris(dipentylidithiocarbamato-S,S')antimony), 9, III, MARINE POLLUTANT | UN 3077 Environmentally hazardous substance, solid, n.o.s. (zinc oxide ; Tris(dipentylidithiocarbamato-S,S')antimony), 9, III | UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide ; Tris(dipentylidithiocarbamato-S,S')antimony), 9, III | UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide ; Tris(dipentylidithiocarbamato-S,S')antimony), 9, III |
| 14.3. Transport hazard class(es) | | | | |
| 9 | 9 | 9 | 9 | 9 |
|  |  |  |  |  |
| 14.4. Packing group | | | | |
| III | III | III | III | III |
| 14.5. Environmental hazards | | | | |
| Dangerous for the environment : Yes | Dangerous for the environment : Yes Marine pollutant : Yes | Dangerous for the environment : Yes | Dangerous for the environment : Yes | Dangerous for the environment : Yes |
| No supplementary information available | | | | |

14.6. Special precautions for user

Special precautions for user : No data available

- Overland transport

Classification code (ADR) : M7
Special provisions : 274, 335, 375, 601
Limited quantities (ADR) : 5kg
Excepted quantities (ADR) : E1
Packing instructions (ADR) : P002, IBC08, LP02, R001
Special packing provisions (ADR) : PP12, B3
Mixed packing provisions (ADR) : MP10
Portable tank and bulk container instructions (ADR) : T1, BK1, BK2, BK3
Portable tank and bulk container special provisions (ADR) : TP33
Tank code (ADR) : SGAV, LGBV
Vehicle for tank carriage : AT
Transport category (ADR) : 3
Special provisions for carriage - Packages (ADR) : V13
Special provisions for carriage - Bulk (ADR) : VC1, VC2
Special provisions for carriage - Loading, unloading and handling (ADR) : CV13

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Hazard identification number (Kemler No.) : 90

Orange plates :



Tunnel restriction code : -

EAC code : 2Z

- Transport by sea

Special provisions (IMDG) : 274, 335, 966, 967, 969
 Limited quantities (IMDG) : 5 kg
 Excepted quantities (IMDG) : E1
 Packing instructions (IMDG) : LP02, P002
 Special packing provisions (IMDG) : PP12
 IBC packing instructions (IMDG) : IBC08
 IBC special provisions (IMDG) : B3
 Tank instructions (IMDG) : BK1, BK2, BK3, T1
 Tank special provisions (IMDG) : TP33
 EmS-No. (Fire) : F-A
 EmS-No. (Spillage) : S-F
 Stowage category (IMDG) : A
 Stowage and handling (IMDG) : SW23

- Air transport

PCA Excepted quantities (IATA) : E1
 PCA Limited quantities (IATA) : Y956
 PCA limited quantity max net quantity (IATA) : 30kgG
 PCA packing instructions (IATA) : 956
 PCA max net quantity (IATA) : 400kg
 CAO packing instructions (IATA) : 956
 CAO max net quantity (IATA) : 400kg
 Special provisions (IATA) : A97, A158, A179, A197, A215
 ERG code (IATA) : 9L

- Inland waterway transport

Classification code (ADN) : M7
 Special provisions (ADN) : 274, 335, 375, 601
 Limited quantities (ADN) : 5 kg
 Excepted quantities (ADN) : E1
 Carriage permitted (ADN) : T* B**
 Equipment required (ADN) : PP, A***
 Number of blue cones/lights (ADN) : 0
 Additional requirements/Remarks (ADN) : * Only in the molten state. ** For carriage in bulk see also 7.1.4.1. *** Only in the case of transport in bulk.

- Rail transport

Classification code (RID) : M7
 Special provisions (RID) : 274, 335, 375, 601
 Limited quantities (RID) : 5kg

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Excepted quantities (RID) : E1
 Packing instructions (RID) : P002, IBC08, LP02, R001
 Special packing provisions (RID) : PP12, B3
 Mixed packing provisions (RID) : MP10
 Portable tank and bulk container instructions (RID) : T1, BK1, BK2, BK3
 Portable tank and bulk container special provisions (RID) : TP33
 Tank codes for RID tanks (RID) : SGAV, LGBV
 Transport category (RID) : 3
 Special provisions for carriage – Packages (RID) : W13
 Special provisions for carriage – Bulk (RID) : VC1, VC2
 Special provisions for carriage - Loading, unloading and handling (RID) : CW13, CW31
 Colis express (express parcels) (RID) : CE11
 Hazard identification number (RID) : 90

14.7. Maritime transport in bulk according to IMO instruments

Code: IBC : No data available.

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

France

| No ICPE | Installations classées Désignation de la rubrique | Code Régime | Rayon |
|-----------|---|-------------|-------|
| 4511.text | Dangereux pour l'environnement aquatique de catégorie chronique 2. | | |
| 4511.1 | La quantité totale susceptible d'être présente dans l'installation étant : 1. Supérieure ou égale à 200 t Quantité seuil bas au sens de l'article R. 511-10 : 200 t. Quantité seuil haut au sens de l'article R. 511-10 : 500 t. | A | 1 |
| 4511.2 | La quantité totale susceptible d'être présente dans l'installation étant : 2. Supérieure ou égale à 100 t mais inférieure à 200 t Quantité seuil bas au sens de l'article R. 511-10 : 200 t. Quantité seuil haut au sens de l'article R. 511-10 : 500 t. | DC | |

Germany

Regulatory reference : WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1)

German storage class (LGK) : LGK 12 - Non-combustible liquids

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Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG)
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)

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

Netherlands

Waterbezwaarlijkheid : B (2) - vergiftig voor in water levende organismen
 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

15.2. Chemical safety assessment

Not applicable

SECTION 16: Other information

Abbreviations and acronyms:

| | |
|--|---|
| | ABM = Algemene beoordelingsmethodiek |
| | ADN = Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route CLP = Classification, Labelling and Packaging Regulation according to 1272/2008/EC IATA = International Air Transport Association IMDG = International Maritime Dangerous Goods Code LEL = Lower Explosive Limit/Lower Explosion Limit UEL = Upper Explosion Limit/Upper Explosive Limit REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals |
| | BTT = Breakthrough time (maximum wearing time) |
| | DMEL = Derived Minimal Effect level |
| | DNEL = Derived No Effect Level |
| | EC50 = Median Effective Concentration |
| | EL50 = Median effective level |
| | ErC50 = EC50 in terms of reduction of growth rate |
| | ErL50 = EL50 in terms of reduction of growth rate |
| | EWC = European waste catalogue |
| | LC50 = Median lethal concentration |
| | LD50 = Median lethal dose |
| | LL50 = Median lethal level |
| | NA = Not applicable |
| | NOEC = No observed effect concentration |
| | NOEL: no-observed-effect level |
| | NOELR = No observed effect loading rate |
| | NOAEC = No observed adverse effect concentration |
| | NOAEL = No observed adverse effect level |
| | N.O.S. = Not Otherwise Specified |
| | OEL = Occupational Exposure Limits - Short Term Exposure Limits (STELs) |

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|--|--|
| | PNEC = Predicted No Effect Concentration |
| | Quantitative structure-activity relationship (QSAR) |
| | STOT = Specific Target Organ Toxicity |
| | TWA = time weighted average |
| | VOC = Volatile organic compounds |
| | WGK = Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act) |

Sources of key data used to compile the datasheet : ECHA (European Chemicals Agency), supplier SDS, Loli.

Training advice : Training staff on good practice.

Other information : Classification - Assessment method: CLP Calculation method (Article 9). Physicochemical hazard assessment: Information given is based on tests on the mixture itself.

Full text of H- and EUH-statements:

| | |
|---------------------------|---|
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhal.), Category 4 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment – Acute Hazard, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment – Chronic Hazard, Category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| H302 | Harmful if swallowed. |
| H332 | Harmful if inhaled. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects. |

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Labelling according to Regulation (EC) No. 1272/2008 [CLP]

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