Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Date of issue: 10/01/2013 Revision date: 19/04/2023 Supersedes version of: 25/09/2019 Version: 3.2

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

1.1. Product identifier

| Product form | : Substance |
|-----------------------|--|
| Trade name | : UN1469 Lead (II) nitrate EPR |
| Chemical name | : lead compounds with the exception of those specified elsewhere in this Annex |
| IUPAC name | : lead dinitrate |
| EC Index-No. | : 082-001-00-6 |
| EC-No. | : 233-245-9 |
| CAS-No. | : 10099-74-8 |
| REACH registration No | : 05-2115399793-26 |
| Product code | : LENA-00T |
| Formula | : PbO2(NO3)2 |

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

1.2.1. Relevant identified uses

Main use category

: Laboratory use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

labbox labware s.l. Migjorn, 1 P.O. Box Barcelona (SPAIN) 08338 Premia de Dalt - SPAIN FS T +34 937 07 79 70 - F +34 937 909 532 info@labbox.com - www.labbox.com

1.4. Emergency telephone number

Emergency number

: +34 937 077 970 (For technical information_Office Hours) In case of medical emergency phone 112 or to your local emergency number.

| Country | Organisation/Company | Address | Emergency number | Comment |
|----------------|---|----------------------------|------------------|---------|
| United Kingdom | National Poisons Information Service (Belfast Centre) Royal Victoria Hospital | Grosvenor Road BT12 6BA | 0344 892 0111 | |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Oxidising Solids, Category 2 H272 Acute toxicity (oral), Category 4 H302 Acute toxicity (inhal.), Category 4 H332

| Serious eye damage/eye irritation, Category 1 | H318 | |
|---|--------|-----------------|
| Reproductive toxicity, Category 1A | H360Df | |
| Specific target organ toxicity — Repeated exposure, Category 1 | H372 | |
| Hazardous to the aquatic environment — Acute Hazard, Category 1 | H400 | |
| Hazardous to the aquatic environment — Chronic Hazard, Category 1 | H410 | |
| Full text of H and EUH statements: see section 16 | | |
| Specific concentration limits: | | |
| (0,5 ≤C < 100) | | STOT RE 2, H373 |
| (2,5 ≤C < 100) | | Repr. 2, H361f |

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Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

| Labelling according to Regulation (EC) No. 12 | 72/2008 [CLP] |
|---|---|
| Hazard pictograms (CLP) | |
| | GHS03 GHS05 GHS07 GHS08 GHS09 |
| Signal word (CLP) Hazard statements (CLP) | Danger H272 - May intensify fire; oxidiser. H302+H332 - Harmful if swallowed or if inhaled. H318 - Causes serious eye damage. H360Df - May damage the unborn child. Suspected of damaging fertility. H372 - Causes damage to organs through prolonged or repeated exposure. H410 - Very toxic to aquatic life with long lasting effects. |
| Precautionary statements (CLP) | P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P220 - Keep away from clothing and other combustible materials. P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P264 - Wash hands, forearms and face thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P301+P312 - IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 - IF exposed or concerned: Get medical advice/attention. P310 - Immediately call a POISON CENTRE or doctor. P312 - Call a POISON CENTRE or doctor. P314 - Discose of fire: Use media other than water to extinguish. P303 - Rinse mouth. P370+P378 - In case of fire: Use media other than water to extinguish. P391 - Collect spillage. P405 - Store locked up. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. |

2.3. Other hazards

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

The substance is 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

SECTION 3: Composition/information on ingredients

3.1. Substances

Substance type

: Mono-constituent

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| Name | Product identifier | % |
|--|--|------|
| Lead (II) nitrate substance listed as REACH Candidate (Lead dinitrate) | CAS-No.: 10099-74-8 EC-No.: 233-245-9 EC Index-No.: 082-001-00-6 REACH-no: 05-2115399793- 26 | ≥ 98 |

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

| 4.1. Description of first aid measures | |
|--|---|
| First-aid measures general | : Get medical advice/attention if you feel unwell. |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial respiration if necessary. Call a physician immediately. |
| First-aid measures after skin contact | : If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing. Wash skin with plenty of water. |
| First-aid measures after eye contact | : Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention. |
| First-aid measures after ingestion | : Rinse mouth. Do not induce vomiting. Call a physician immediately. |
| 4.2. Most important symptoms and effect | cts, both acute and delayed |
| Symptoms/effects after inhalation Symptoms/effects after skin contact Symptoms/effects after eye contact Symptoms/effects after ingestion | Danger of serious damage to health by prolonged exposure through inhalation. irritation (itching, redness, blistering). Serious damage to eyes. Swallowing a small quantity of this material will result in serious health hazard. |

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

Never give anything by mouth to an unconscious person.

| SECTION 5: Firefighting measures | |
|---|---|
| 5.1. Extinguishing media | |
| Suitable extinguishing media | : Water spray. Foam. Dry powder. Carbon dioxide. Sand. |
| 5.2. Special hazards arising from the subs | tance or mixture |
| Hazardous decomposition products in case of fire | : fume. |
| 5.3. Advice for firefighters | |
| Firefighting instructions Protection during firefighting | Exercise caution when fighting any chemical fire.Do not enter fire area without proper protective equipment, including respiratory protection. |

| SECTION 6: Accidental release measures | | |
|---|---|--|
| 6.1. Personal precautions, protective equipme | ent and emergency procedures | |
| General measures : | Evacuate area. | |
| 6.1.1. For non-emergency personnel | | |
| Emergency procedures : | Only qualified personnel equipped with suitable protective equipment may intervene. | |
| 6.1.2. For emergency responders | | |
| Protective equipment : | Equip cleanup crew with proper protection. | |

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| 6.2. Environmental precautions | |
|--|---|
| Prevent entry to sewers and public water | S. |
| 6.3. Methods and material for con | tainment and cleaning up |
| For containment Methods for cleaning up | Collect spillage. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel |
| Other information | into container for disposal.Dispose of materials or solid residues at an authorized site. |
| 6.4. Reference to other sections | |

See Heading 8. For further information refer to section 13.

| SECTION 7: Handling and storage | |
|--|--|
| 7.1. Precautions for safe handling | |
| Additional hazards when processed Precautions for safe handling Hygiene measures | Keep containers closed. Ensure good ventilation of the work station. Wear personal protective equipment. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. |
| 7.2. Conditions for safe storage, includi | ing any incompatibilities |
| Storage conditions | : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store in a well-ventilated place. Keep container tightly closed. |
| Storage area Special rules on packaging | Store away from heat. Store in a well-ventilated place.Keep only in original container. Store in a closed container. |

7.3. Specific end use(s)

Laboratory chemicals.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

| UN1469 Lead (II) nitrate EPR (10099-74-8) | | |
|--|------------|--|
| EU - Indicative Occupational Exposure Limit (IOEL) | | |
| OEL TWA 0,05 mg/m ³ | | |
| Spain - Occupational Exposure Limits | | |
| VLA-ED (OEL TWA) [1] | 0,15 mg/m³ | |
| | | |

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

| UN1469 Lead (II) nitrate EPR (10099-74-8) | |
|---|----------|
| PNEC (Water) | |
| PNEC aqua (freshwater) | 3,1 µg/l |
| PNEC aqua (marine water) | 3,5 μg/l |

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| UN1469 Lead (II) nitrate EPR (10099-74-8) | | |
|---|-----------------|--|
| PNEC (Sediment) | Sediment) | |
| PNEC sediment (freshwater) | 174 mg/kg dwt | |
| PNEC sediment (marine water) | 164 mg/kg dwt | |
| PNEC (Soil) | | |
| PNEC soil | 212 mg/kg dwt | |
| PNEC (Oral) | | |
| PNEC oral (secondary poisoning) | 10,9 mg/kg food | |
| PNEC (STP) | | |
| PNEC sewage treatment plant | 100 µg/l | |

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure. EN 374.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection: Safety glasses

8.2.2.2. Skin protection

Skin and body protection: Wear suitable protective clothing

Hand protection: protective gloves

8.2.2.3. Respiratory protection

Respiratory protection: Wear appropriate mask

| Respiratory protection | biratory protection | | |
|------------------------|---------------------|-----------|----------|
| Device | Filter type | Condition | Standard |
| | Туре РЗ | | |

8.2.2.4. Thermal hazards

No additional information available

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8.2.3. Environmental exposure controls

Other information:

The present safety data sheet is consistent with the specific conditions relied on to justify the registration of the substance in accordance with Article 17 or 18 of the REACH regulation. Do not eat, drink or smoke when using this product. Wash hands with water as a precaution.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| Physical state | : Solid |
|---|--|
| Colour | : Colourless. white. |
| Molecular mass | : 331,21 g/mol |
| Odour | : odourless. |
| Odour threshold | : Not available |
| Melting point | : 458 – 459 °C Atm. press.: 1023 hPa Decomposition: 'no' |
| Freezing point | : Not available |
| Boiling point | : > 500 °C Atm. press.: 1023 hPa Decomposition: 'no' |
| Flammability | : Not available |
| Explosive limits | : Not applicable |
| Lower explosion limit | : Not applicable |
| Upper explosion limit | : Not applicable |
| Flash point | : Not applicable |
| Auto-ignition temperature | : Not applicable |
| Decomposition temperature | : Not available |
| рН | : ≈ 4,3 Temp.: 20 °C |
| pH solution | : Not available |
| Viscosity, kinematic | : Not applicable |
| Solubility | : Water: 525 g/100cm ³ 20° C |
| Partition coefficient n-octanol/water (Log Kow) | : Not available |
| Vapour pressure | : Not available |
| Vapour pressure at 50 °C | : Not available |
| Density | : 4,53 g/cm ³ 20 ^o C |
| Relative density | : Not available |
| Relative vapour density at 20 °C | : Not applicable |
| Particle size | : 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

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable in use and storage conditions as recommended in item 7.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

alcohols.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Toxic vapours are released.

SECTION 11: Toxicological information

| 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 | | |
|---|--|--|
| Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation) | : Harmful if swallowed. : Not classified : Harmful if inhaled. | |
| UN1469 Lead (II) nitrate EPR (10099-74 | 8) | |
| LD50 oral rat | 500 mg/kg | |
| LC50 inhalation rat (mg/l) | 1,5 mg/m³ | |
| Skin corrosion/irritation | : Not classified pH: ≈ 4,3 Temp.: 20 °C | |
| Serious eye damage/irritation | : Causes serious eye damage. pH: ≈ 4,3 Temp.: 20 °C | |
| Respiratory or skin sensitisation | : Not classified | |
| Germ cell mutagenicity | : Not classified | |
| Carcinogenicity | : Not classified | |
| Reproductive toxicity | : May damage the unborn child. Suspected of damaging fertility. | |
| STOT-single exposure | : Not classified | |
| STOT-repeated exposure | : Causes damage to organs through prolonged or repeated exposure. | |
| Aspiration hazard | : Not classified | |

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

| 12.1. Toxicity | |
|---|---|
| Hazardous to the aquatic environment, short-term (acute) Hazardous to the aquatic environment, long-term (chronic) | : Very toxic to aquatic life.: Very toxic to aquatic life with long lasting effects. |
| UN1469 Lead (II) nitrate EPR (10099-74-8) | |
| LC50 - Fish [1] | 1170 μg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) |
| LC50 - Fish [2] | 107 μg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) |
| EC50 - Daphnia [1] | 2,5 mg/dm3 |
| EC50 72h - Algae [1] | > 3,7 mg/l mg/dm3 Scenedesmus subcapitatus |
| 12.2. Persistence and degradability | |

No additional information available

12.3. Bioaccumulative potential

No additional information available

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12.4. Mobility in soil No additional information available 12.5. Results of PBT and vPvB assessment UN1469 Lead (II) nitrate EPR (10099-74-8) 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 12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

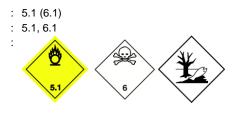
No additional information available

| SECTION 13: Disposal consideration | ons | |
|---|---|--|
| 13.1. Waste treatment methods | | |
| Regional legislation (waste) Waste treatment methods | Disposal must be done according to official regulations.Must follow special treatment according to local regulation. | |
| SECTION 14: Transport information | n | |
| In accordance with ADR / IMDG / IATA / ADN / | RID | |

| JN-No. (ADR) | : UN 1469 |
|--------------------------------------|--|
| JN-No. (IMDG) | : UN 1469 |
| JN-No. (IATA) | : UN 1469 |
| JN-No. (ADN) | : UN 1469 |
| JN-No. (RID) | : UN 1469 |
| 14.2. UN proper shipping name | |
| Proper Shipping Name (ADR) | : LEAD NITRATE |
| Proper Shipping Name (IMDG) | : LEAD NITRATE |
| Proper Shipping Name (IATA) | : Lead nitrate |
| Proper Shipping Name (ADN) | : LEAD NITRATE |
| Proper Shipping Name (RID) | : LEAD NITRATE |
| ransport document description (ADR) | : UN 1469 LEAD NITRATE, 5.1 (6.1), II, (E), ENVIRONMENTALLY HAZARDOUS |
| ransport document description (IMDG) | : UN 1469 LEAD NITRATE, 5.1 (6.1), II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS |
| ransport document description (IATA) | : UN 1469 Lead nitrate, 5.1 (6.1), II, ENVIRONMENTALLY HAZARDOUS |
| ransport document description (ADN) | : UN 1469 LEAD NITRATE, 5.1 (6.1), II, ENVIRONMENTALLY HAZARDOUS |
| ransport document description (RID) | : UN 1469 LEAD NITRATE, 5.1 (6.1), II, ENVIRONMENTALLY HAZARDOUS |

ADR

Transport hazard class(es) (ADR) Danger labels (ADR)



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| IMDG Transport hazard class(es) (IMDG) Danger labels (IMDG) | : 5.1 (6.1) : 5.1, 6.1 |
|---|---|
| | |
| IATA Transport hazard class(es) (IATA) | : 5.1 (6.1) |
| Danger labels (IATA) | 5.1, 6.1 |
| | |
| ADN | |
| Transport hazard class(es) (ADN) Danger labels (ADN) | : 5.1 (6.1) : 5.1, 6.1 |
| J () | |
| | |
| | |
| RID Transport hazard class(es) (RID) | : 5.1 (6.1) |
| Danger labels (RID) | 5.1, 6.1 |
| | |
| | |
| 14.4. Packing group | |
| Packing group (ADR) | : 11 |
| Packing group (IMDG) Packing group (IATA) | : II : II |
| Packing group (ADN) | · " : II |
| Packing group (RID) | : II |
| 14.5. Environmental hazards | |
| Dangerous for the environment | : Yes |
| Marine pollutant Other information | : Yes : No supplementary information available |
| 14.6. Special precautions for user | |
| Overland transport | |
| Classification code (ADR) | : OT2 |
| Limited quantities (ADR) | : 1kg |
| Excepted quantities (ADR) | |
| Packing instructions (ADR) Special packing provisions (ADR) | : P002, IBC08 : B4 |
| Mixed packing provisions (ADR) | : B4 : MP2 |
| Portable tank and bulk container instructions (ADR) | : T3 |
| Portable tank and bulk container special provisions | : TP33 |
| (ADR) | . 11 55 |
| Tank code (ADR) | . 11 55 |
| | : SGAN |
| Tank special provisions (ADR) Vehicle for tank carriage | |

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| according to the REACH Regulation (EC) 1907/2006 amend | ed by Regulation (EU) 2020/878 |
|--|--|
| Transport category (ADR) | : 2 |
| Special provisions for carriage - Packages (ADR) | : V11 |
| Special provisions for carriage - Loading, unloading | |
| and handling (ADR) | |
| Hazard identification number (Kemler No.) | : 56 |
| · · · · · · · · · · · · · · · · · · · | |
| Orange plates | ¹ 56 |
| | |
| | 1469 |
| | |
| Tunnel restriction code (ADR) | : E |
| EAC code | : 1Y |
| | |
| Transport by sea | |
| Limited quantities (IMDG) | : 1 kg |
| Excepted quantities (IMDG) | : E2 |
| Packing instructions (IMDG) | : P002 |
| | : IBC08 |
| IBC packing instructions (IMDG) | |
| IBC special provisions (IMDG) | : B2, B4 |
| Tank instructions (IMDG) | : T3, BK2 |
| Tank special provisions (IMDG) | : TP33 |
| EmS-No. (Fire) | : F-A |
| EmS-No. (Spillage) | : S-Q |
| Stowage category (IMDG) | : A |
| Properties and observations (IMDG) | : White crystals. Soluble in water. Mixtures with combustible material are readily ignited and |
| | may burn fiercely. Toxic if swallowed, by skin contact or by dust inhalation. |
| | |
| Air transport | |
| PCA Excepted quantities (IATA) | : E2 |
| PCA Limited quantities (IATA) | : Y543 |
| PCA limited quantity max net quantity (IATA) | : 1kg |
| PCA packing instructions (IATA) | : 558 |
| PCA max net quantity (IATA) | : 5kg |
| CAO packing instructions (IATA) | : 562 |
| CAO max net quantity (IATA) | : 25kg |
| ERG code (IATA) | : 5P |
| | |
| Inland waterway transport | |
| Classification code (ADN) | : OT2 |
| Special provisions (ADN) | : 802 |
| Limited quantities (ADN) | : 1 kg |
| Excepted quantities (ADN) | : E2 |
| Equipment required (ADN) | : PP, EP |
| Number of blue cones/lights (ADN) | : 2 |
| - · · · | |
| Rail transport | |
| Classification code (RID) | : OT2 |
| Limited quantities (RID) | : 1kg |
| Excepted quantities (RID) | : E2 |
| Packing instructions (RID) | : P002, IBC08 |
| Special packing provisions (RID) | : B4 |
| | |
| Mixed packing provisions (RID) | : MP2 |
| Portable tank and bulk container instructions (RID) | : T3 |
| Portable tank and bulk container special provisions | : TP33 |
| (RID) | |
| Tank codes for RID tanks (RID) | : SGAN |
| Special provisions for RID tanks (RID) | : TU3 |
| Transport category (RID) | : 2 |
| Special provisions for carriage – Packages (RID) | : W11 |
| Special provisions for carriage - Loading, unloading | : CW24, CW28 |
| and handling (RID) | |
| Colis express (express parcels) (RID) | : CE10 |
| Hazard identification number (RID) | : 56 |
| | |

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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)

| EU restriction list (REACH Annex XVII) | | |
|--|------------------------------|--|
| Reference code | Applicable on | |
| 30. | UN1469 Lead (II) nitrate EPR | |

REACH Annex XIV (Authorisation List)

UN1469 Lead (II) nitrate EPR is not on the REACH Annex XIV List

REACH Candidate List (SVHC)

Lead dinitrate is on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

UN1469 Lead (II) nitrate EPR is not subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 july 2012 concerning the export and import of hazardous chemicals.

POP Regulation (Persistent Organic Pollutants)

UN1469 Lead (II) nitrate EPR is not subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Ozone Regulation (1005/2009)

Lead (II) nitrate is not subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Explosives Precursors Regulation (2019/1148)

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Drug Precursors Regulation (273/2004)

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 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

Germany

| Water hazard class (WGK) Chemicals Prohibition Ordinance (ChemVerbotsV) | : | WGK 3, Highly hazardous to water (KBwS-Beschluss; ID No. 313). This product is subject to ChemVerbotsV Annex 2 Entry 1. The following requirements must be observed: authorization requirement (according to § 6 paragraph 1 sentence 1), basic requirements for carrying out the delivery (according to § 8 paragraph 1, 3 and 4), identification and documentation (according to § 9 paragraph 1 to 3) and exclusion of the shipping route (according to § 10). |
|---|---|--|
| Hazardous Incident Ordinance (12. BImSchV) | : | Is not subject of the Hazardous Incident Ordinance (12. BImSchV) |
| Netherlands | | |
| SZW-lijst van kankerverwekkende stoffen | | The substance is not listed |
| SZW-lijst van mutagene stoffen | : | The substance is not listed |
| NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding | : | The substance is not listed |
| NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid | : | The substance is not listed |
| NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling | : | The substance is not listed |

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Denmark

Danish National Regulations

: Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

| 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 | |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 | |
| H272 | May intensify fire; oxidiser. | |
| H302 | Harmful if swallowed. | |
| H318 | Causes serious eye damage. | |
| H332 | Harmful if inhaled. | |
| H360Df | May damage the unborn child. Suspected of damaging fertility. | |
| H361f | Suspected of damaging fertility. | |
| H372 | Causes damage to organs through prolonged or repeated exposure. | |
| H373 | May cause damage to organs through prolonged or repeated exposure. | |
| H400 | Very toxic to aquatic life. | |
| H410 | Very toxic to aquatic life with long lasting effects. | |
| Ox. Sol. 2 | Oxidising Solids, Category 2 | |
| Repr. 1A | Reproductive toxicity, Category 1A | |
| Repr. 2 | Reproductive toxicity, Category 2 | |
| STOT RE 1 | Specific target organ toxicity — Repeated exposure, Category 1 | |
| STOT RE 2 | Specific target organ toxicity — Repeated exposure, 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.