| | I ECO- SPRAY S.R.L. | Revision nr. 6 |
|---|--|------------------------|
| | | Dated 22/02/2016 |
| 7354 – Li | ght Zinc 900 ml (1 kg) | Printed on 25/02/2016 |
| | | Page n. 1/14 |
| | Safety data sheet | |
| SECTION 1. Identification of the | substance/mixture and of the comp | bany/undertaking |
| 1.1. Product identifier | | |
| Code: | Z354 | |
| Product name | Zinco Chiaro 900 ml 1 kg | |
| Chemical name and synonym | protettivo Zincante | |
| 1.2. Relevant identified uses of the substance intended use Intended use zinc protective | | |
| 1.3. Details of the supplier of the safety data Name | sheet GNOCCHI ECO- SPRAY S.R.L. | |
| | | |
| Full address | via per Pavone del Mella Sh | |
| Full address District and Country | Via per Pavone del Mella sn 25020 Cigole (BS) | |
| Full address District and Country | 25020 Cigole (BS) Italia | |
| | 25020 Cigole (BS) Italia Tel. +39 030 9959674 | |
| District and Country | 25020 Cigole (BS) Italia | |
| | 25020 Cigole (BS) Italia Tel. +39 030 9959674 | |
| District and Country e-mail address of the competent person | 25020 Cigole (BS) Italia Tel. +39 030 9959674 Fax +39 030 959265 | |
| District and Country e-mail address of the competent person responsible for the Safety Data Sheet | 25020 Cigole (BS) Italia Tel. +39 030 9959674 Fax +39 030 959265 | a tel: +39 02 66101029 |
| District and Country e-mail address of the competent person responsible for the Safety Data Sheet 1.4. Emergency telephone number | 25020 Cigole (BS) Italia Tel. +39 030 9959674 Fax +39 030 959265 info@gnocchiecospray.com CENTRO ANTIVELENI Ospedale Niguarda | a tel: +39 02 66101029 |

The product is classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of EC Regulation 1907/2006 and subsequent amendments. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

| rways. |
|-------------|
| - |
| |
| |
| |
| |
| ng effects. |
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| |

2.2. Label elements.

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

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| | | 7 | |
| Signal words: | Danger | | |
| azard statements: | | | |
| H225 H304 H319 H315 H336 H410 | Highly flammable liquid and vapour. May be fatal if swallowed and enters airwa Causes serious eye irritation. Causes skin irritation. May cause drowsiness or dizziness. Very toxic to aquatic life with long lasting o | | |
| recautionary stateme | ents: | | |
| P210 P233 P264 P301+P310 P304+P340 | Keep away from heat, hot surfaces, spark Keep container tightly closed. Wash thoroughly after handling. Wear protective gloves / eye protection / f IF SWALLOWED: immediately call a POIS IF INHALED: remove person to fresh air a | ace protection. SON CENTER / doctor / | urces. No smoking. |
| Contains: | NAPHTHA (PETROLEUM), HYDROTRE/ ACETONE | ATED LIGHT | |
| | | | |
| 2.3. Other hazards. | | | |
| | ble data, the product does not contain any PBT o | r vPvB in percentage greater than 0 | ,1%. |
| on the basis of availab | ole data, the product does not contain any PBT o | | ,1%. |
| In the basis of availab | | | ,1%. |
| On the basis of availab SECTION 3. C 3.1. Substances. | omposition/information on ingre | | ,1%. |
| on the basis of availab SECTION 3. C 3.1. Substances. | omposition/information on ingre | | ,1%. |
| on the basis of availab SECTION 3. C 3.1. Substances. Information not relevan 3.2. Mixtures. | omposition/information on ingre | | ,1%. |
| On the basis of availab SECTION 3. C 3.1. Substances. nformation not relevan 3.2. Mixtures. | omposition/information on ingre | dients. Classification 1272/2008 | ,1%. |
| On the basis of available SECTION 3. C 3.1. Substances. Information not relevant 3.2. Mixtures. Contains: Identification. NAPHTHA (PETRO | omposition/information on ingre | dients. | ,1%. |
| On the basis of available SECTION 3. C 3.1. Substances. Information not relevant 3.2. Mixtures. Contains: Identification. NAPHTHA (PETROP LIGHT CAS. 64742-49-0 | omposition/information on ingree | dients. Classification 1272/2008 | ,1%. |
| On the basis of available SECTION 3. C 3.1. Substances. Information not relevant 3.2. Mixtures. Contains: Identification. | omposition/information on ingrea nt. LEUM), HYDROTREATED 16,5 - 18 | dients. Classification 1272/2008 (CLP). Flam. Liq. 2 H225, Asp. Tox. 1 H304, Skin Irrit. 2 H315, STOT SE 3 H336, Aquatic | ,1%. |

Revision nr. 6 **GNOCCHI ECO- SPRAY S.R.L.** Dated 22/02/2016 Printed on 25/02/2016 Z354 – Light Zinc 900 ml (1 kg) Page n. 3/14 H319, STOT SE 3 H336, EUH066 EC. 200-662-2 INDEX. 606-001-00-8 **XYLENE (MIXTURE OF ISOMERS)** Flam. Liq. 3 H226, Acute Tox. CAS. 1330-20-7 8 - 9 4 H312, Acute Tox. 4 H332, Skin Irrit. 2 H315, Note C EC. 215-535-7 INDEX. 601-022-00-9 TALC Acute Tox. 4 H332, STOT SE CAS. 14807-96-6 8 - 9 3 H335 EC. 238-877-9 INDEX. -

Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410

ZINC POWDER - ZINC DUST (100% - metallic element) CAS. 7440-66-6

EC. 231-175-3 INDEX. 030-001-01-9

Note: Upper limit is not included into the range.

The full wording of hazard (H) phrases is given in section 16 of the sheet.

SECTION 4. First aid measures.

4.1. Description of first aid measures.

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

M=10

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention immediately. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately. INGESTION: Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor.

7 - 8

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

For symptoms and effects caused by the contained substances, see chap. 11.

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

Information not available.

SECTION 5. Firefighting measures.

5.1. Extinguishing media.

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SUITABLE EXTINGUISHING EQUIPMENT

Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.

UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

5.2. Special hazards arising from the substance or mixture.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products.

5.3. Advice for firefighters.

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures.

6.1. Personal precautions, protective equipment and emergency procedures.

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions.

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up.

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Check incompatibility for container material in section 7. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections.

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage.

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7.1. Precautions for safe handling.

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Vapours may catch fire and an explosion may occur; vapour accumulation is therefore to be avoided by leaving windows and doors open and ensuring good cross ventilation. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. When performing transfer operations involving large containers, connect to an earthing system and wear antistatic footwear. Vigorous stirring and flow through the tubes and equipment may cause the formation and accumulation of electrostatic charges. In order to avoid the risk of fires and explosions, never use compressed air when handling. Open containers with caution as they may be pressurised. Do not eat, drink or smoke during use. Avoid leakage of the product into the environment.

7.2. Conditions for safe storage, including any incompatibilities.

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Store in a well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s).

Information not available.

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Regulatory References:

| DEU | Deutschland | MAK-und BAT-Werte-Liste 2012 |
|-----|----------------|--|
| ESP | España | INSHT - Límites de exposición profesional para agentes químicos en |
| | | España 2015 |
| FRA | France | JORF n°0109 du 10 mai 2012 page 8773 texte n° 102 |
| GRB | United Kingdom | EH40/2005 Workplace exposure limits |
| ITA | Italia | Decreto Legislativo 9 Aprile 2008, n.81 |
| POL | Polska | ROZPORZĄDZENIE MINISTRA PRACY I POLITYKI SPOŁECZNEJ z dnia |
| | | 16 grudnia 2011r |
| EU | OEL EU | Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; |
| | | Directive 2000/39/EC. |
| | TLV-ACGIH | ACGIH 2014 |
| | | |

| IYDROTREATE | D LIGHT | | | | | | |
|-----------------------|---|---|---|--|--|---|---|
| | | | | | | | |
| Country | TWA/8h | | STEL/15min | | | | |
| | mg/m3 | ppm | mg/m3 | ppm | | | |
| EU | | | 72 | | | | |
| Effects on consumers. | MEL | | | Effects on workers | | | |
| Acute local | Acute systemic | Chronic local | Chronic systemic | Acute local | Acute systemic | Chronic local | Chronic systemic |
| 1301 mg/kg/d | 1301 mg/kg/d | | | | | | |
| | | 1137 mg/m3 | 1137 mg/m3 | | | 5306 mg/m3 | 5306 mg/m3 |
| 1377 mg/kg/d | 1377 mg/kg/d | | | | | 13964 mg/kg/d | 13964 mg/kg/d |
| | Country EU vel - DNEL / DI Effects on consumers. Acute local 1301 mg/kg/d | mg/m3 EU vel - DNEL / DMEL Effects on consumers. Acute local Acute systemic 1301 mg/kg/d 1301 mg/kg/d | Country TWA/8h mg/m3 ppm EU Vel - DNEL / DMEL Effects on consumers. Acute local Acute systemic Chronic local 1301 mg/kg/d 1301 mg/kg/d 1137 mg/m3 | CountryTWA/8hSTEL/15minmg/m3ppmmg/m3EU72Vel - DNEL / DMEL Effects on consumers. Acute localChronic localChronic systemic1301 mg/kg/d1301 mg/kg/d1137 mg/m31137 mg/m3 | CountryTWA/8hSTEL/15minmg/m3ppmmg/m3ppmEU72Effects on consumers. Acute localEffects on chronic localEffects on chronic systemic1301 mg/kg/d1301 mg/kg/d1137 mg/m31137 mg/m3 | Country TWA/8h STEL/15min mg/m3 ppm mg/m3 ppm EU 72 Vel - DNEL / DMEL Effects on consumers. Acute systemic Chronic local Chronic chronic systemic Effects on workers systemic Acute local Acute systemic 1301 mg/kg/d 1301 mg/kg/d 1137 mg/m3 1137 mg/m3 1137 mg/m3 | Country TWA/8h STEL/15min mg/m3 ppm mg/m3 ppm EU 72 Vel - DNEL / DMEL Effects on consumers. Acute systemic Chronic local Chronic systemic Acute local Acute Acute 1301 mg/kg/d 1301 mg/kg/d 1137 mg/m3 1137 mg/m3 5306 mg/m3 1377 mg/kg/d 1377 mg/kg/d 1377 mg/kg/d 13974 |

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| ACETONE | | | | | | |
|------------------------|---------|--------|-----|------------|------|--|
| Threshold Limit Value. | - · | | | | | |
| Туре | Country | TWA/8h | | STEL/15min | | |
| | | mg/m3 | ppm | mg/m3 | ppm | |
| AGW | DEU | 1200 | 500 | 2400 | 1000 | |
| MAK | DEU | 1200 | 500 | 2400 | 1000 | |
| VLA | ESP | 1210 | 500 | | | |
| VLEP | FRA | 1210 | 500 | 2420 | 1000 | |
| WEL | GRB | 1210 | 500 | 3620 | 1500 | |
| TLV | ITA | 1210 | 500 | | | |
| NDS | POL | 600 | | 1800 | | |
| OEL | EU | 1210 | 500 | | | |
| TLV-ACGIH | | 1187 | 500 | 1781 | 750 | |
| | | | | | | |
| XYLENE (MIXTURE OF IS | OMERS) | | | | | |
| | | | | | | |

Threshold Limit Value. TWA/8h STEL/15min Туре Country mg/m3 ppm mg/m3 ppm SKIN. AGW DEU 440 100 880 200 DEU MAK 440 100 880 200 SKIN. VLA ESP 442 SKIN. 221 50 100 VLEP SKIN. FRA 221 50 442 100 WEL GRB 220 50 441 100 TLV ITA 221 50 442 100 SKIN. NDS POL 100 OEL EU 221 50 442 100 SKIN. TLV-ACGIH 434 100 651 150

Legend:

| (C) = CEILING | ; INHAL = Inhalable Frac | tion ; RESP = Respirable Fraction | on ; | THORA = Thoracic Fraction. |
|---------------|--------------------------|-----------------------------------|------|----------------------------|
|---------------|--------------------------|-----------------------------------|------|----------------------------|

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified.

TLV of solvent mixture: 740 mg/m3.

8.2. Exposure controls.

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration. Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

HAND PROTECTION

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

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SKIN PROTECTION

Wear category II professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

Consider the appropriateness of providing antistatic clothing in the case of working environments in which there is a risk of explosion.

EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, wear a mask with a type AX filter, whose limit of use will be defined by the manufacturer (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS.

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

Product residues must not be indiscriminately disposed of with waste water or by dumping in waterways.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

| Appearance Colour Odour Odour threshold. pH. Melting point / freezing point. Initial boiling point. Boiling range. Flash point. Evaporation Rate Flammability of solids and gases Lower inflammability limit. Upper inflammability limit. Upper explosive limit. Upper explosive limit. Upper explosive limit. Vapour pressure. Vapour density Relative density. Solubility Partition coefficient: n-octanol/water Auto-ignition temperature. Decomposition temperature. Viscosity Explosive properties Oxidising properties | liquid silver characteristic of solvent Not available. Not available. > 35 °C. Not available. < 23 °C. Not available. Not available. |
|---|---|
| 9.2. Other information. | |
| Solid content. | 15,00 % |

| Solia content. | 15,00 % |
|------------------------------|---------|
| VOC (Directive 2010/75/EC) : | 40,00 % |
| VOC (volatile carbon) : | 30,80 % |

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SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

ACETONE: decomposes under the effect of heat.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

The vapours may also form explosive mixtures with the air.

ZINC POWDER - ZINC DUST: risk of explosion on contact with: ammonium nitrate, ammonium sulphide, barium peroxide, lead nitride, chlorates, chromium trioxide, sodium hydroxide solutions, oxidising agents, performic acid, acids, tetrachloromethane, water. May react dangerously with alkali hydroxides, bromine pentafluoride, calcium chloride solution, fluorine, hexachloroethane, nitrobenzene, potassium dioxide, carbon disulphide, silver. Reacts with acids and strong alkalis developing hydrogen.

XYLENE (MIXTURE OF ISOMERS): stable, but may develop violent reactions in the presence of strong oxidising agents such as sulphuric and nitric acids and perchlorates. May form explosive mixtures with the air.

ACETONE: risk of explosion on contact with: bromine trifluoride, difluoro dioxide, hydrogen peroxide, nitrosyl chloride, 2-methyl-1,3 butadiene, nitromethane, nitrosyl perchlorate. Can react dangerously with: potassium tert-butoxide, alkaline hydroxides, bromine, bromoform, isoprene, sodium, sulphur dioxide, chromium trioxide, chromyl chloride, nitric acid, chloroform, peroxymonosulphuric acid, phosphoryl chloride, chromosulphuric acid, fluorine, strong oxidising agents. Develops flammable gases with nitrosyl perchlorate.

10.4. Conditions to avoid.

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

ACETONE: avoid exposure to sources of heat and naked flames.

10.5. Incompatible materials.

ZINC POWDER - ZINC DUST: water, strong alkalis and acids. ACETONE: acid and oxidising substances.

10.6. Hazardous decomposition products.

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

ACETONE: ketenes and other irritating compounds.

SECTION 11. Toxicological information.

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11.1. Information on toxicological effects.

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

The introduction of even small quantities of this liquid into the respiratory system in case of ingestion or vomit may cause bronchopneumonia and pulmonary edema.

Acute effects: stinging eyes. Symptoms may include: rubescence, edema, pain and lachrymation. Ingestion may cause health problems, including stomach pain and sting, nausea and sickness.

Acute effects: contact with skin may cause: irritation, erythema, edema, dryness and chapped skin. Ingestion may cause health disorders, including stomach pain and sting, nausea and sickness.

This product contains highly volatile substances, which may cause serious depression of the central nervous system (CNS) and have negative effects, such as drowsiness, dizziness, slow reflexes, narcosis.

XYLENE (MIXTURE OF ISOMERS): has a toxic effect on the CNS (encephalopathies). Irritating to the skin, conjunctivae, cornea and respiratory apparatus.

XYLENE (MIXTURE OF ISOMERS) LD50 (Oral).3523 mg/kg Rat LD50 (Dermal).4350 mg/kg Rabbit LC50 (Inhalation).26 mg/l/4h Rat

SECTION 12. Ecological information.

This product is dangerous for the environment and highly toxic for aquatic organisms. In the long term, it have negative effects on aquatic environment. **12.1. Toxicity.**

 ZINC POWDER - ZINC

 DUST

 LC50 - for Fish.

 7,1 mg/l/96h Nothobranchius guentheri

 EC50 - for Crustacea.

 2,8 mg/l/48h Daphnia magna

 EC50 - for Algae / Aquatic

 Plants.

12.2. Persistence and degradability.

| ZINC POWDER - ZINC | |
|--|----------------|
| DUST | |
| Solubility in water. | mg/l 0,1 - 100 |
| Biodegradability: Information not available. | |

| XYLENE (MIXTURE OF ISOMERS) | |
|--|-----------------|
| Solubility in water. | mg/l 100 - 1000 |
| Biodegradability: Information not available. | |

Solubility in water. < 0.1 mg/l

ACETONE

TALC

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Rapidly biodegradable.

| NAPHTHA (PETROLEUM), HYDROTREATED LIGHT Rapidly biodegradable. | |
|--|-------|
| 12.3. Bioaccumulative potential. | |
| XYLENE (MIXTURE OF ISOMERS) | |
| Partition coefficient: n- octanol/water. | 3,12 |
| BCF. | 25,9 |
| ACETONE | |
| Partition coefficient: n- octanol/water. | -0,23 |
| BCF. | 3 |
| 12.4. Mobility in soil. | |
| XYLENE (MIXTURE OF | |
| ISOMERS) Partition coefficient: | 2.73 |
| soil/water. | |
| NAPHTHA (PETROLEUM), | |
| HYDROTREATED LIGHT Partition coefficient: | 1.78 |
| soil/water. | ·,· - |
| | |

12.5. Results of PBT and vPvB assessment.

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6. Other adverse effects.

Information not available.

SECTION 13. Disposal considerations.

13.1. Waste treatment methods.

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Waste transportation may be subject to ADR restrictions.

CONTAMINATED PACKAGING

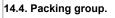
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

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| | | |
| SECTION 14. | Transport information. | |
| I4.1. UN number. | | |
| ADR / RID, IMDG, IATA: | 1263 | |
| I4.2. UN proper ship | ping name. | |
| ADR / RID: | | |

| ADIT / IND. | |
|-------------|----------------|
| | RELATED |
| | MATERIAL |
| | MIXTURE |
| IMDG: | PAINT or PAINT |
| | RELATED |
| | MATERIAL |
| | MIXTURE |
| IATA: | PAINT or PAINT |
| | RELATED |
| | MATERIAL |
| | MIXTURE |
| | |

14.3. Transport hazard class(es).

| ADR / RID: | Class: 3 | Label: 3 | * |
|------------|----------|----------|---|
| IMDG: | Class: 3 | Label: 3 | 8 |
| IATA: | Class: 3 | Label: 3 | × |



IATA:

ADR / RID, IMDG, III IATA:

14.5. Environmental hazards.

| ADR / RID: | Environmentally Hazardous. | |
|------------|-------------------------------|--|
| IMDG: | Marine Pollutant. | |

For Air transport, environmentally hazardous mark is only mandatory for UN 3077 and UN 3082.

14.6. Special precautions for user.

NO

| ADR / RID: | HIN - Kemler: 30 | Limited Quantities: 5 L | Tunnel restriction code: (D/E) |
|------------|----------------------|-------------------------------|--------------------------------------|
| | Special Provision: - | | · · · · · · |
| IMDG: | EMS: F-E, S-E, | Limited Quantities: 5 | |
| IATA: | Cargo: | L Maximum | Packaging |

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| | | |
| | quantity: 220 | instructions: 366 |
| Pass.: | L Maximum quantity: 60 L | Packaging instructions: 355 |
| Special Instructions: | A3, A72 | 555 |
| 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code. | | |
| Information not relevant. | | |
| SECTION 15. Regulatory information. | | |
| 15.1. Safety, health and environmental regulations/legislation specific for the substance or | nixture. | |
| Seveso category. 7b, 9i | | |
| Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulatio | n 1907/2006. | |
| Product. Point. 3 - 40 | | |
| Substances in Candidate List (Art. 59 REACH). | | |
| None. | | |
| Substances subject to authorisarion (Annex XIV REACH). | | |
| None. | | |
| Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012: | | |
| None. | | |
| Substances subject to the Rotterdam Convention: | | |
| None. | | |
| Substances subject to the Stockholm Convention: | | |
| None. | | |
| Healthcare controls. | | |
| Workers exposed to this chemical agent must not undergo health checks, provided that available ris workers' health and safety are modest and that the 98/24/EC directive is respected. | k-assessment da | ata prove that the risks related to the |
| 15.2. Chemical safety assessment. | | |
| No chemical safety assessment has been processed for the mixture and the substances it contains. | | |
| SECTION 16. Other information. | | |

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Text of hazard (H) indications mentioned in section 2-3 of the sheet:

| Flam. Liq. 2 | Flammable liquid, category 2 |
|-------------------|--|
| Flam. Liq. 3 | Flammable liquid, category 3 |
| Acute Tox. 4 | Acute toxicity, category 4 |
| Asp. Tox. 1 | Aspiration hazard, category 1 |
| Eye Irrit. 2 | Eye irritation, category 2 |
| Skin Irrit. 2 | Skin irritation, category 2 |
| STOT SE 3 | Specific target organ toxicity - single exposure, category 3 |
| Aquatic Acute 1 | Hazardous to the aquatic environment, acute toxicity, category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment, chronic toxicity, category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment, chronic toxicity, category 2 |
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| H312 | Harmful in contact with skin. |
| H332 | Harmful if inhaled. |
| H304 | May be fatal if swallowed and enters airways. |
| H319 | Causes serious eye irritation. |
| H315 | Causes skin irritation. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |
| 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. |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| | |

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road

- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds

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| vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation WGK: Water hazard classes (German). | |
| GENERAL BIBLIOGRAPHY | |
| . Regulation (EU) 1907/2006 (REACH) of the European Parliament | |
| Regulation (EU) 1272/2008 (CLP) of the European Parliament Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament | |
| 4. Regulation (EU) 2015/830 of the European Parliament | |
| 5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament | |
| Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament | |
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Handling Chemical Safety
 INRS - Fiche Toxicologique (toxicological sheet)

- INKS - FICTIE TOXICOlogique (toxicological stress)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review: The following sections were modified:

02/03/08/09/11/16.