

Beiblatt zum Sicherheitsdatenblatt / Supplement to the safety data sheet

Abschnitt 1 / Section 1

1.1 Produktidentifikation / Product identification

s. Original-Datenblatt / see original safety data sheet

1.2 Verwendungen des Stoffs / Uses of the substance











s. Original-Datenblatt / see original safety data sheet

1.3 Einzelheiten zum Lieferanten / Details of the supplier

| | | |
|--------------|----------|--|
| Firmenname / | Supplier | Stürmer Maschinen GmbH, |
| Straße / | Street | Dr.-Robert-Pfleger-Str. 26, |
| Ort / | City | D-96103 Hallstadt |
| Tel. / | Phone | +49 (0)951 96555 - 0 (07:00 - 17:00 Uhr / 07:00 am - 05:00 pm) |
| E-Mail / | E-Mail | info@stuermer-maschinen.de |

1.4 Notrufnummer / Emergency Telephone

Wählen Sie die passende Notrufnummer anhand des GHS-Symbols auf Ihrem Gefahrgut oder entsprechend Abschnitt 2.2 des orig. Sicherheitsdatenblattes *.
Call the appropriate emergency number using the GHS symbol on your dangerous goods or according to section 2.2 of the original safety data sheet *.

| GHS Gefahren-piktogramm / GHS symbol | GHS-Kürzel/ GHS-no. | Mögliche Signalwörter/ Warning | Gefährdungsklassen / Description of hazards | Notrufnummer */ Emergency Phone * |
|---|---------------------|--|---|---|
|  | GHS01 bis GHS09 | | | +49 (0)951 96555 - 590 Sammelnotrufnummer Gefahrstoffe |
|  | GHS01 | Gefahr oder Achtung / Danger or Attention | Explosive Stoffe/Gemische und Erzeugnisse mit Explosivstoff, selbstzersetzliche Stoffe/Gemische, organische Peroxide / Explosive substances / mixtures and products containing explosives, self-reactive substances / mixtures, organic peroxides | - 591 |
|  | GHS02 | Gefahr oder Achtung / Danger or Attention | Selbstzersetzliche Stoffe/Gemische, organische Peroxide, entzündbare Gase, Aerosole Flüssigkeiten, Feststoffe, selbsterhitzungsfähige Gemische, pyrophore Flüssigkeiten und Feststoffe, Stoffe/Gemische, die bei Berührung mit Wasser entzündbare Gase bilden / Self-reactive substances / mixtures, organic peroxides, flammable gases, aerosols, liquids, solids, self-heating mixtures, pyrophoric liquids and solids, substances / mixtures which form flammable gases on contact with water | - 592 |
|  | GHS03 | Gefahr oder Achtung / Danger or Attention | Oxidierende Gase, Flüssigkeiten, Feststoffe / Oxidizing gases, liquids, solids | - 593 |
|  | GHS04 | Achtung / Attention | Verdichtete, verflüssigte, gelöste und tiefgekühlt verflüssigte Gase / Compressed, liquefied, dissolved and refrigerated liquefied gases | - 594 |
|  | GHS05 | Gefahr oder Achtung / Danger or Attention | Verätzung der Haut, schwere Augenschäden, auch metallkorrosive Eigenschaften / Chemical burns to the skin, severe eye damage, also metal-corrosive properties | - 595 |
|  | GHS06 | Gefahr / Danger | Äußerst schwere und schwere akute Gesundheitsschäden oder Tod / Extremely severe and severe acute damage to health or death | - 596 |
|  | GHS07 | Achtung / Attention | Akute Gesundheitsschäden, Reizung der Haut, der Augen und der Atemwege, Sensibilisierung der Haut, narkotisierende Wirkungen / Acute damage to health, irritation of the skin, eyes and the respiratory tract, sensitization of the skin, narcotic effects | - 597 |
|  | GHS08 | Gefahr oder Achtung / Danger or Attention | Chronische Gesundheitsschäden (Organschädigungen) bei einmaliger oder mehrmaliger Exposition, krebserzeugende, erbgutverändernde und fortpflanzungsgefährdende Wirkungen, Lungenschäden durch Eindringen von Substanzen in die Lunge (Aspirationsgefahr), Sensibilisierung der Atemwege / Chronic damage to health (damage to organs) after single or multiple exposure, carcinogenic, mutagenic and reproductive effects, lung damage due to the penetration of substances into the lungs (risk of aspiration), sensitization of the respiratory tract | - 598 |
|  | GHS09 | Achtung oder ohne Signalwort/ Attention or without wording | Giftig für Wasserorganismen mit kurz- und langfristiger Wirkung / Toxic to aquatic organisms with short and long-term effects | - 599 |

* 07:00 - 17:00 Uhr, außerhalb dieses Zeitraums kann die Nummer auf dem Sicherheitsdatenblatt angerufen werden / 07:00 am - 05:00 pm, outside this time, the number on the safety data sheet can be called

Für alle anderen Informationen siehe Original-Sicherheitsdatenblatt / For all other information, see the original safety data sheet



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Schneidöl Biocut

Revision date: 30.01.2019

Product code: HL9617XX_V1.10

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

1.1. Product identifier

Schneidöl Biocut

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

Use of the substance/mixture

Cutting oil, Metal working fluids

Uses advised against

none

1.3. Details of the supplier of the safety data sheet

| | | |
|-------------------------|---|--------------------------------|
| Company name: | HL-Technology GmbH | |
| Street: | Brunnenstr. 28a | |
| Place: | D-32052 Herford | |
| Telephone: | +49(0)5221-10227-30 | Telefax: +49(0)5221-10227-40 |
| e-mail: | info@hl-technology.de | |
| Contact person: | Frau Dr. Feldmann | Telephone: +49(0)5221-10227-58 |
| e-mail: | sdb@hl-technology.de | |
| Internet: | www.hl-technology.de | |
| Responsible Department: | Regulatory Affairs / Sicherheitsdatenblätter / Datenmanagement / Abteilung Produktsicherheit +49(0)5221-10227-30 (8:00 - 17:00 Uhr). Diese Nummer ist nur zu Bürozeiten besetzt. | |

1.4. Emergency telephone number:

Informationszentrale gegen Vergiftungen (GIZ) Bonn, Tel.: +49(0)228 / 19240 (24h-Notrufbereitschaft)

Further Information

BfR# 7681522

Restricted to professional users. Safety data sheet available for professional user on request. Follow the instructions for use on the label. To avoid risks to man and the environment, comply with the instructions for use.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Additional advice on labelling

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

2.3. Other hazards

Wear suitable protective clothing, gloves and eye/face protection.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances listed below with nonhazardous additions:

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Hazardous components

| CAS No | Chemical name | | | Quantity |
|----------|---|----------|------------------|-------------|
| | EC No | Index No | REACH No | |
| | Classification (Regulation (EC) No 1272/2008) | | | |
| 78-42-2 | Tris(2-ethylhexyl) phosphate | | | 2,5 - < 5 % |
| | 201-116-6 | | 01-2119517575-36 | |
| 118-82-1 | IonoX 220; 2,2', 6,6'-tetra-tert-butyl-4,4'-methylenediphenol | | | 0,1 - < 1 % |
| | 204-279-1 | | 01-2119970557-25 | |

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

Specific Conc. Limits, M-factors and ATE

| CAS No | EC No | Chemical name | Quantity |
|----------|---|---|-------------|
| | Specific Conc. Limits, M-factors and ATE | | |
| 78-42-2 | 201-116-6 | Tris(2-ethylhexyl) phosphate | 2,5 - < 5 % |
| | inhalation: LC50 = > 447 mg/l (dusts or mists); dermal: LD50 = 18400 mg/kg; oral: LD50 = > 9260 mg/kg | | |
| 118-82-1 | 204-279-1 | IonoX 220; 2,2', 6,6'-tetra-tert-butyl-4,4'-methylenediphenol | 0,1 - < 1 % |
| | dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg | | |

Further Information

Mineral oil free.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

First aider: Pay attention to self-protection! Take off immediately all contaminated clothing and wash it before reuse. When in doubt or if symptoms are observed, get medical advice.

After inhalation

Provide fresh air. Move victim out of danger zone. If victim is at risk of losing consciousness, position and transport on their side. In case of breathing difficulties administer oxygen. Seek medical attention if problems persist.

After contact with skin

After contact with skin, wash immediately with: Water and soap. Remove contaminated, saturated clothing immediately. In case of skin irritation, consult a physician.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. Medical treatment necessary.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Move victim to fresh air. Put victim at rest and keep warm. Do not leave affected person unattended. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

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

In all cases of doubt, or when symptoms persist, seek medical advice.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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Suitable extinguishing media

Foam. Dry extinguishing powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire and/or explosion do not breathe fumes. Heating causes rise in pressure with risk of bursting.

In case of fire may be liberated: carbon monoxide (CO). Carbon dioxide (CO₂). Organic cracking products.

Phosphorus compounds Phosphorus oxides. Nitrogen oxides (NO_x).

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Wear chemical resistant suit.

Additional information

Contaminated fire-fighting water must be collected separately. Co-ordinate fire-fighting measures to the fire surroundings.

Dispose of fire residues and extinguishing water in accordance with official regulations.

Use water spray jet to protect personnel and to cool endangered containers. Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Wear personal protection equipment. Wear breathing apparatus if exposed to vapours/dusts/aerosols. Avoid contact with eyes and skin. Keep away from unprotected people. Keep upwind. Remove persons to safety.

Special danger of slipping by leaking/spilling product.

6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up

Other information

Prevent spread over a wide area (e.g. by containment or oil barriers). Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Take up mechanically, placing in appropriate containers for disposal. Clean contaminated articles and floor according to the environmental legislation. Clean with detergents. Avoid solvent cleaners. Ventilate affected area.

6.4. Reference to other sections

Treat the recovered material as prescribed in the section on waste disposal. Disposal: see section 13.

Safe handling: see section 7. Personal protection equipment: see section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with skin and eyes. Use only in well-ventilated areas. Oil mist (wax) / Avoid aerosol / mist formation. Wear personal protection equipment. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin and eyes. Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

Advice on protection against fire and explosion

The product itself does not burn. Usual measures for fire prevention.

Advice on general occupational hygiene

Work in well-ventilated zones or use proper respiratory protection. Do not eat, drink, smoke or sneeze at the workplace. Wash hands before breaks and after work. Draw up and observe skin protection programme.

Restore grease film of the skin after cleansing by using a fat cream to prevent dermatitis. Avoid contact with skin and eyes. Wear personal protection equipment.

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Further information on handling

Special danger of slipping by leaking/spilling product.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store only in original container. Keep container tightly closed in a cool, well-ventilated place. Keep the packing dry and well sealed to prevent contamination and absorption of humidity. Please note the expiry date: 36 month(s).

Recommended storage temperature: 5 - 40 °C

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.

Do not store together with: Oxidizing agents, strong. Strong acid. Strong alkali. Pyrophoric or self-heating substances (Self-igniting substances). TRGS 510

Further information on storage conditions

Protect against: heat. UV-radiation/sunlight. frost. moisture.

7.3. Specific end use(s)

Metal working fluids. Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/DMEL values

| CAS No | Name of agent | Exposure route | Effect | Value |
|--------------------------|---|----------------|----------|------------------------|
| 118-82-1 | lonox 220; 2,2', 6,6'-tetra-tert-butyl-4,4'-methylenediphenol | | | |
| Worker DNEL, long-term | | inhalation | systemic | 1 mg/m ³ |
| Worker DNEL, acute | | inhalation | systemic | 2592 mg/m ³ |
| Worker DNEL, long-term | | dermal | systemic | 0,28 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | systemic | 0,15 mg/m ³ |
| Consumer DNEL, long-term | | dermal | systemic | 0,1 mg/kg bw/day |
| Consumer DNEL, long-term | | oral | systemic | 0,1 mg/kg bw/day |

PNEC values

| CAS No | Name of agent | Value |
|---------------------|---|-------------|
| 118-82-1 | lonox 220; 2,2', 6,6'-tetra-tert-butyl-4,4'-methylenediphenol | |
| Secondary poisoning | | 3,3 mg/kg |
| Soil | | 0,089 mg/kg |

Additional advice on limit values

Does not contain substances above concentration limits fixing an occupational exposure limit.

8.2. Exposure controls



Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations. Provide earthing of containers,

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equipment, pumps and ventilation facilities. Have eye showers and safety shower ready. Technical measures and the application of suitable work processes have priority over personal protection equipment.

Individual protection measures, such as personal protective equipment

Eye/face protection

Tightly sealed safety glasses. EN 166

In case of increased risk, additionally Wear face protection. (EN 165)

Hand protection

Tested protective gloves are to be worn: (EN ISO 374) When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.

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.

Suitable material: NBR (Nitrile rubber).

Thickness of glove material: 0,9 - 1,0 mm

penetration time (maximum wearing period): > 480 min

permeation level: 6

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Apply skin care products after work.

Skin protection

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes). Chemical resistant safety shoes

Wash hands thoroughly after handling. Draw up and observe skin protection programme.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Combination filter device (DIN EN 141).. A2/P2

Filter types: A, B, E, K. Do not use small filters (filter class 1); class 2: maximum permitted contaminant concentration in inhaled air = 5000 mL/m³ (0.5 % by vol.) class 3: maximum permitted contaminant concentration in inhaled air = 10000 mL/m³ (1.0 % by vol.)

Environmental exposure controls

Leakage into the environment must be prevented. Do not allow uncontrolled leakage of product into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------|-------------------|
| Physical state: | liquid |
| Colour: | yellow |
| Odour: | like: Cutting oil |

| | Test method |
|---|-----------------------------------|
| Melting point/freezing point: | not determined |
| Boiling point or initial boiling point and boiling range: | not determined |
| Flammability: | not determined |
| Lower explosion limits: | not determined |
| Upper explosion limits: | not determined |
| Flash point: | > 180 °C DIN EN 57 |
| Auto-ignition temperature: | not determined |
| Decomposition temperature: | not determined |
| pH-Value: | not applicable |
| Viscosity / kinematic: (at 40 °C) | 37 mm ² /s ASTM D 7042 |
| Water solubility: | Immiscible |

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Solubility in other solvents

not determined

Partition coefficient n-octanol/water:

not determined

Vapour pressure:

not determined

Vapour pressure:

not determined

Density (at 20 °C):

0,91 g/cm³ DIN EN ISO 12185

Relative vapour density:

not determined

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

not determined

Self-ignition temperature

Solid:

not determined

Gas:

not determined

Oxidizing properties

not determined

Other safety characteristics

Evaporation rate:

not determined

Viscosity / dynamic:

not determined

Further Information

Odour threshold: not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

This material is considered to be non-reactive under normal use conditions.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No dangerous reactions with correct storage and handling.

10.4. Conditions to avoid

heat. UV-radiation/sunlight. frost. moisture. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

Oxidizing agents, strong. Strong acid. Strong alkali. Pyrophoric or self-heating substances.

10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapors.

In case of fire may be liberated: carbon monoxide (CO). Carbon dioxide (CO₂). Organic cracking products.

Phosphorus compounds Phosphorus oxides. Nitrogen oxides (NO_x).

SECTION 11: Toxicological information

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

Toxicokinetics, metabolism and distribution

There are no data available on the preparation/mixture itself.

Acute toxicity

Based on available data, the classification criteria are not met.

There are no data available on the preparation/mixture itself.

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| CAS No | Chemical name | | | | |
|----------|---|-------------------|---------------|--------|----------|
| | Exposure route | Dose | Species | Source | Method |
| 78-42-2 | Tris(2-ethylhexyl) phosphate | | | | |
| | oral | LD50 > 9260 mg/kg | Rat (Rattus). | ECHA | |
| | dermal | LD50 18400 mg/kg | Rabbit | ECHA | |
| | inhalation (4 h) dust/mist | LC50 > 447 mg/l | Rat (Rattus). | ECHA | |
| 118-82-1 | lonox 220; 2,2', 6,6'-tetra-tert-butyl-4,4'-methylenediphenol | | | | |
| | oral | LD50 > 2000 mg/kg | Rat (Rattus). | ECHA | OECD 401 |
| | dermal | LD50 > 2000 mg/kg | Rat (Rattus). | ECHA | OECD 402 |

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).

Sensitising effects

Based on available data, the classification criteria are not met.

No sensitizing effect known.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards

Further information

The statement is derived from the properties of the single components. For tested properties the classification was carried out according to the "Dangerous Substance Directive" 67/548/EEC, Annex VI, otherwise according to the calculation procedure described in the Dangerous Preparations Directive (1999/45/EC).

SECTION 12: Ecological information

12.1. Toxicity

product has not been tested.

| CAS No | Chemical name | | | | | |
|---------|------------------------------|---------------|-----------|--|--------|----------|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 78-42-2 | Tris(2-ethylhexyl) phosphate | | | | | |
| | Acute fish toxicity | LC50 101 mg/l | 96 h | Oryzias latipes (Medaka, Japan carps, rice fish) | SDS | OECD 203 |

12.2. Persistence and degradability

product has not been tested.

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| CAS No | Chemical name | | | |
|---------|--|-------|----|--------|
| | Method | Value | d | Source |
| | Evaluation | | | |
| 78-42-2 | Tris(2-ethylhexyl) phosphate | | | |
| | OECD 301B | 0,76 | 28 | ECHA |
| | According to experiences this product is inert and not degradable. | | | |

12.3. Bioaccumulative potential

product has not been tested.

Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|----------|---|---------|
| 78-42-2 | Tris(2-ethylhexyl) phosphate | > 6,26 |
| 118-82-1 | Ionox 220; 2,2', 6,6'-tetra-tert-butyl-4,4'-methylenediphenol | 8,9 |

BCF

| CAS No | Chemical name | BCF | Species | Source |
|---------|------------------------------|----------|-------------------------------|--------|
| 78-42-2 | Tris(2-ethylhexyl) phosphate | 9,2 - 22 | Cyprinus carpio (Common Carp) | SDS |

12.4. Mobility in soil

in delivery state liquid

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No data available

Further information

Doesn't get into the sewage water as long as the process is carried out according to regulations. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
slightly hazardous to water

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation. Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

List of Wastes Code - residues/unused products

120119 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; readily biodegradable machining oil; hazardous waste

List of Wastes Code - used product

120119 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; readily biodegradable machining oil; hazardous waste

List of Wastes Code - contaminated packaging

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150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Dispose of waste according to applicable legislation. Wash with plenty of water/soap. Completely emptied packings can be re-cycled. Packing which cannot be properly cleaned must be disposed of.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.
 Marine pollutant: Nein

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Special danger of slipping by leaking/spilling product.

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

EU regulatory information

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water hazard class (D): 1 - slightly hazardous to water

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15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

Tris(2-ethylhexyl) phosphate

Ionox 220; 2,2', 6,6'-tetra-tert-butyl-4,4'-methylenediphenol

SECTION 16: Other information

Abbreviations and acronyms

For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

Identified uses

| No | Short title | LCS | SU | PC | PROC | ERC | AC | TF | Specification |
|----|--|-----|--------|----------------|--|-----|----|----|---------------|
| 1 | Industrial spraying, Non industrial spraying, Metal working fluids | - | 22, 22 | 25, 25 | 7, 7, 11, 11, 17, 17, 18, 18 | - | - | - | KSS |
| 2 | Metal working fluids | - | - | 16, 16, 25, 25 | 10, 10, 13, 13, 17, 17, 18, 18, 19, 19, 24, 24, 25, 25 | - | - | - | Schneidöl |

LCS: Life cycle stages

PC: Product categories

ERC: Environmental release categories

TF: Technical functions

SU: Sectors of use

PROC: Process categories

AC: Article categories

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)