

Safety data sheet
according to 2020/878/EC

Printing date 25.01.2024

Version number 2 (replaces version 1)

Revision: 25.01.2024

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

- **1.1 Product identifier**
- **Trade name: INSECT REMOVER**
- **UFI: SK96-W0XP-W000-HDDR**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Life cycle stages C** Consumer use
- **Sector of Use SU21** Consumer uses: Private households / general public / consumers
- **Product category PC35** Washing and cleaning products (including solvent based products)
- **Recommended use**
Exterior vehicle cleaner
Glass Cleaner
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
MA-FRA S.p.A. a Socio Unico
Via Aquileia, 44/46
20021 Baranzate (MI) ITALIA
Tel. +39 023569981
www.mafra.com
mafra@mafra.it
- **Informing department:** info@mafra.it
- **1.4 Emergency telephone number:** In case of accident call the emergency number 112

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



corrosion

Skin Corr. 1A H314 Causes severe skin burns and eye damage.
Eye Dam. 1 H318 Causes serious eye damage.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the GB CLP regulation.
- **Hazard pictograms**



GHS05

- **Signal word** Danger
- **Hazard statements**
H314 Causes severe skin burns and eye damage.
- **Precautionary statements**
P102 Keep out of reach of children.
P280 Wear protective gloves / eye protection.

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P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulation

- 2.3 Other hazards

- Results of PBT and vPvB assessment

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- 3.2 Mixtures

- **Description:** Mixture of substances

- Dangerous components:

| | | |
|---|--|-------|
| CAS: 56539-66-3 EINECS: 260-252-4 Reg.nr.: 01-2119976333-33 | 3-Methoxy-3-methyl-1-butanol Eye Irrit. 2, H319 | 1-<3% |
| CAS: 111-76-2 EINECS: 203-905-0 Reg.nr.: 01-2119475108-36 | 2-butoxyethanol Acute Tox. 3, H331; Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319 ATE: LD50 oral: 1,200 mg/Kg | <1% |
| CAS: 1310-58-3 EINECS: 215-181-3 Reg.nr.: 01-2119487136-33 | potassium hydroxide Skin Corr. 1A, H314; Acute Tox. 4, H302 Specific concentration limits: Skin Corr. 1A; H314: $C \geq 5\%$ Skin Corr. 1B; H314: $2\% \leq C < 5\%$ Skin Irrit. 2; H315: $0.5\% \leq C < 2\%$ Eye Irrit. 2; H319: $0.5\% \leq C < 2\%$ | <1% |

- Regulation (EC) No 648/2004

non-ionic surfactants, cationic surfactants, EDTA and salts thereof, perfumes

<5%

- **Additional information** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

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

Sickness

No further relevant information available.

- General information

Instantly remove any clothing soiled by the product.

No special measures required.

- After inhalation

In case of unconsciousness bring patient into stable side position for transport.

Supply fresh air; consult doctor in case of symptoms.

- After skin contact

Instantly wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

- After eye contact

Rinse opened eye for several minutes under running water. Then consult doctor.

Use eye protection.

- After swallowing

Do not induce vomiting; instantly call for medical help.

Drink copious amounts of water and provide fresh air. Instantly call for doctor.

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- 4.3 Indication of any immediate medical attention and special treatment needed*If swallowed, gastric irrigation**Medical supervision for at least 48 hours***SECTION 5: Firefighting measures****- 5.1 Extinguishing media****- Suitable extinguishing agents***CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.**Use fire fighting measures that suit the environment.***- 5.2 Special hazards arising from the substance or mixture***Can be released in case of fire**Carbon monoxide (CO)***- 5.3 Advice for firefighters****- Protective equipment:***Do not inhale explosion gases or combustion gases.**Protection means for respiratory tract***- Additional information***Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.***SECTION 6: Accidental release measures****- 6.1 Personal precautions, protective equipment and emergency procedures***Keep away unauthorized persons**Product forms slippery surface when combined with water.**Particular danger of slipping on leaked/spilled product.**Protective gloves. (EN 374)***- For non-emergency personnel***Ensure adequate ventilation**Keep away from ignition sources**Wear protective clothing.***- For emergency responders***Recommended thickness of the material: ≥ 0.1 mm**Nitrile rubber, NBR***- 6.2 Environmental precautions:***Inform respective authorities in case product reaches water or sewage system.**Dilute with much water.**Do not allow to enter drainage system, surface or ground water.***- 6.3 Methods and material for containment and cleaning up:***Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).**Use neutralising agent.**Dispose of the material collected according to regulations.***- 6.4 Reference to other sections***See Section 7 for information on safe handling**See Section 8 for information on personal protection equipment.**See Section 13 for information on disposal.***SECTION 7: Handling and storage****- 7.1 Precautions for safe handling***Take off immediately all contaminated clothing**Wash hands during breaks and at the end of the work.**Do not eat, drink or smoke while working.***- Information about protection against explosions and fires: Protect from heat.**

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- 7.2 Conditions for safe storage, including any incompatibilities
- Storage
- Requirements to be met by storerooms and containers: Store only in the original container.
- Information about storage in one common storage facility: Do not store together with acids.
- Further information about storage conditions: Keep container tightly sealed.
- Class according to regulation on inflammable liquids: Void
- 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters

- Components with limit values that require monitoring at the workplace:

111-76-2 2-butoxyethanol

| | |
|------------|--|
| <i>WEL</i> | Short-term value: 246 mg/m ³ , 50 ppm Long-term value: 123 mg/m ³ , 25 ppm <i>Sk, BMGV</i> |
|------------|--|

1310-58-3 potassium hydroxide

| | |
|------------|---------------------------------------|
| <i>WEL</i> | Short-term value: 2 mg/m ³ |
|------------|---------------------------------------|

- DNELs

56539-66-3 3-Methoxy-3-methyl-1-butanol

| | | |
|-------------------|----------------------------|--|
| <i>Oral</i> | Systemic Long-term Effects | 2.5 mg/Kg bw/day (Consumers) |
| <i>Dermal</i> | Systemic long-term effects | 6.25 mg/Kg bw/day (Industrial Workers) 3.1 mg/Kg bw/day (Consumers) |
| <i>Inhalative</i> | Systemic long-term effects | 18 mg/m ³ (Industrial Workers) 4.4 mg/m ³ (Consumers) |

111-76-2 2-butoxyethanol

| | | |
|-------------------|-----------------------------|---|
| <i>Oral</i> | Systemic Long-term Effects | 6.3 mg/Kg bw/day (Consumers) |
| | Systemic short-term effects | 26.7 mg/m ³ (Consumers) |
| <i>Dermal</i> | Systemic long-term effects | 125 mg/Kg bw/day (Industrial Workers) 75 mg/Kg bw/day (Consumers) |
| | Systemic Short-term Effects | 89 mg/Kg bw/day (Industrial Workers) 89 mg/Kg bw/day (Consumers) |
| <i>Inhalative</i> | Local long-term effects | 67.5 mg/m ³ (Industrial Workers) 40.5 mg/m ³ (Consumers) |
| | Local short-term effects | 246 mg/m ³ (Industrial Workers) 147 mg/m ³ (Consumers) |
| | Systemic long-term effects | 98 mg/m ³ (Industrial Workers) 59 mg/m ³ (Consumers) |
| | Systemic Short-term Effects | 1,091 mg/m ³ (Industrial Workers) 426 mg/m ³ (Consumers) |

68515-73-1 Alkyl polyglucosyde C8-C10

| | | |
|-------------------|----------------------------|---|
| <i>Oral</i> | Systemic Long-term Effects | 35.7 mg/Kg bw/day (Consumers) |
| <i>Dermal</i> | Systemic long-term effects | 595,000 mg/Kg bw/day (Industrial Workers) 357,000 mg/Kg bw/day (Consumers) |
| <i>Inhalative</i> | Systemic long-term effects | 420 mg/m ³ (Industrial Workers) 124 mg/m ³ (Consumers) |

10213-79-3 Sodium metasilicate, pentahydrate

| | | |
|-------------|----------------------------|-------------------------------|
| <i>Oral</i> | Systemic Long-term Effects | 0.74 mg/Kg bw/day (Consumers) |
|-------------|----------------------------|-------------------------------|

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| | | |
|--|------------------------------------|---|
| <i>Dermal</i> | <i>Systemic long-term effects</i> | 1.49 mg/Kg bw/day (Industrial Workers) 0.74 mg/Kg bw/day (Consumers) |
| <i>Inhalative</i> | <i>Systemic long-term effects</i> | 6.22 mg/m ³ (Industrial Workers) 1.55 mg/m ³ (Consumers) |
| 64-02-8 tetrasodium ethylenediaminetetraacetate | | |
| <i>Oral</i> | <i>Systemic Long-term Effects</i> | 25 mg/Kg bw/day (Consumers) |
| <i>Inhalative</i> | <i>Local long-term effects</i> | 1.5 mg/m ³ (Industrial Workers) 0.6 mg/m ³ (Consumers) |
| | <i>Local short-term effects</i> | 3 mg/m ³ (Industrial Workers) 1.2 mg/m ³ (Consumers) |
| | <i>Systemic long-term effects</i> | 1.5 mg/m ³ (Industrial Workers) 0.6 mg/m ³ (Consumers) |
| | <i>Systemic Short-term Effects</i> | 3 mg/m ³ (Industrial Workers) 1.2 mg/m ³ (Consumers) |
| 1310-58-3 potassium hydroxide | | |
| <i>Inhalative</i> | <i>Local long-term effects</i> | 1 mg/m ³ (Industrial Workers) 1 mg/m ³ (Consumers) |
| | <i>Systemic long-term effects</i> | 1 mg/m ³ (Industrial Workers) 1 mg/m ³ (Consumers) |

- PNECs**111-76-2 2-butoxyethanol**

| | |
|------------------------------|-------------------|
| <i>PNEC STP</i> | 463 mg/L (STP) |
| <i>Soil</i> | 2.33 mg/Kg (Soil) |
| <i>Soft Water</i> | 8.8 mg/L (Water) |
| <i>Sea water</i> | 0.88 mg/L (Water) |
| <i>Sediment (soft water)</i> | 34.6 mg/Kg (Soil) |
| <i>Sediment (sea water)</i> | 3.46 mg/Kg (Soil) |
| <i>Occasional Emission</i> | 26.4 mg/L (Water) |

68515-73-1 Alkyl polyglucosyde C8-C10

| | |
|------------------------------|---------------------|
| <i>PNEC STP</i> | 560 mg/L (STP) |
| <i>Soil</i> | 0.654 mg/Kg (Soil) |
| <i>Soft Water</i> | 0.176 mg/L (Water) |
| <i>Sea water</i> | 0.0176 mg/L (Water) |
| <i>Sediment (soft water)</i> | 1.516 mg/Kg (Soil) |
| <i>Sediment (sea water)</i> | 0.152 mg/Kg (Soil) |

10213-79-3 Sodium metasilicate, pentahydrate

| | |
|-------------------|------------------|
| <i>PNEC STP</i> | 1,000 mg/L (STP) |
| <i>Soft Water</i> | 7.5 mg/L (Water) |
| <i>Sea water</i> | 1 mg/L (Water) |

64-02-8 tetrasodium ethylenediaminetetraacetate

| | |
|----------------------------|-------------------|
| <i>PNEC STP</i> | 43 mg/L (STP) |
| <i>Soil</i> | 0.72 mg/Kg (Soil) |
| <i>Soft Water</i> | 2.2 mg/L (Water) |
| <i>Sea water</i> | 0.22 mg/L (Water) |
| <i>Occasional Emission</i> | 1 mg/L (Water) |

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- Ingredients with biological limit values:**111-76-2 2-butoxyethanol**

| | |
|------|------------------------------|
| BMGV | 240 mmol/mol creatinine |
| | Medium: urine |
| | Sampling time: post shift |
| | Parameter: butoxyacetic acid |

- Additional information: The lists that were valid during the compilation were used as basis.

- 8.2 Exposure controls

- Appropriate engineering controls No further data; see section 7.

- Individual protection measures, such as personal protective equipment

- General protective and hygienic measures

Do not eat, drink or smoke while working.

Keep away from foodstuffs, beverages and food.

Take off immediately all contaminated clothing

Wash hands during breaks and at the end of the work.

Avoid contact with the eyes and skin.

- Breathing equipment: Not required.

- Hand protection

Protective gloves. (EN 374)

Alkaline resistant gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- Material of gloves

Recommended thickness of the material: ≥ 0.1 mm

Nitrile rubber, NBR

- Penetration time of glove material

For the mixture of chemicals mentioned below the penetration time has to be at least 15 minutes (Permeation according to EN 16523-1:2015: Level 1).

- Eye/face protection

Tightly sealed safety glasses.

- Environmental exposure controls

Disposal must be made according to official regulations.

Dispose of packaging according to regulations on the disposal of packagings.

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties**- General Information**

- Physical state

Fluid

- Colour:

Colourless

- Odour:

Pleasant

- Odour threshold:

Not determined.

- Melting point/freezing point:

0 °C

- Boiling point or initial boiling point and boiling range

>100 °C

- Flammability

Not applicable.

- Lower and upper explosion limit

- Lower:

Not determined.

- Upper:

Not determined.

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| | |
|---|---------------------|
| - Flash point: | Not applicable |
| - Decomposition temperature: | Not determined. |
| - pH at 20 °C | 11.8 |
| - Viscosity: | |
| - Kinematic viscosity | Not determined. |
| - dynamic at 20 °C: | 0.952 mPas |
| - Solubility | |
| - Water: | Fully miscible |
| - Partition coefficient n-octanol/water (log value) | Not determined. |
| - Vapour pressure at 20 °C: | 23 hPa |
| - Density and/or relative density | |
| - Density at 20 °C | 1 g/cm ³ |
| - Relative density | Not determined. |
| - Vapour density | Not determined. |

- 9.2 Other information

| | |
|---|------------------------------|
| - Appearance: | |
| - Form: | Fluid |
| - Important information on protection of health and environment, and on safety. | |
| - Self-inflammability: | Product is not selfigniting. |
| - Explosive properties: | Product is not explosive. |
| - Change in condition | |
| - Evaporation rate | Not determined. |

- Information with regard to physical hazard classes

| | |
|---|------|
| - Explosives | Void |
| - Flammable gases | Void |
| - Aerosols | Void |
| - Oxidising gases | Void |
| - Gases under pressure | Void |
| - Flammable liquids | Void |
| - Flammable solids | Void |
| - Self-reactive substances and mixtures | Void |
| - Pyrophoric liquids | Void |
| - Pyrophoric solids | Void |
| - Self-heating substances and mixtures | Void |
| - Substances and mixtures, which emit flammable gases in contact with water | Void |
| - Oxidising liquids | Void |
| - Oxidising solids | Void |
| - Organic peroxides | Void |
| - Corrosive to metals | Void |
| - Desensitised explosives | Void |

SECTION 10: Stability and reactivity

- 10.1 Reactivity Stable under normal conditions
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions Reacts with acids
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: Reacts with strong acids
- 10.6 Hazardous decomposition products: No dangerous decomposition products known

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SECTION 11: Toxicological information

- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- Acute toxicity Based on available data, the classification criteria are not met.

- LD/LC50 values that are relevant for classification:

56539-66-3 3-Methoxy-3-methyl-1-butanol

| | | |
|--------|------|--------------------|
| Oral | LD50 | 4,400 mg/Kg (Rat) |
| Dermal | LD50 | >2,000 mg/Kg (Rat) |

111-76-2 2-butoxyethanol

| | | |
|--------|------|---|
| Oral | LD50 | 1,200 mg/Kg (ATE) >2,000 mg/Kg (Rabbit) 1,746 mg/Kg (Rat) |
| Dermal | LD50 | >2,000 mg/Kg (Rat) |

27252-75-1 Alcool Otilico 4 EO

| | | |
|------|------|--------------------|
| Oral | LD50 | >2,000 mg/Kg (Rat) |
|------|------|--------------------|

68515-73-1 Alkyl polyglucosyde C8-C10

| | | |
|--------|------|--------------------|
| Oral | LD50 | >2,000 mg/Kg (Rat) |
| Dermal | LD50 | >2,000 mg/Kg (Rat) |

10213-79-3 Sodium metasilicate, pentahydrate

| | | |
|------------|-------|--------------------------------------|
| Oral | LD50 | 1,152-1,349 mg/Kg (Rat) |
| | NOAEL | 260 mg/Kg (Mouse) 227 mg/Kg (Rat) |
| Dermal | LD50 | >5,000 mg/Kg (Rat) |
| Inhalative | LC50 | >2.06 mg/L (Rat) |

1554325-20-0 Quaternary C12-14 alkyl methyl amine ethoxylate methyl chloride

| | | |
|------|------|-----------------|
| Oral | LD50 | 833 mg/Kg (Rat) |
|------|------|-----------------|

64-02-8 tetrasodium ethylenediaminetetraacetate

| | | |
|------|------|--------------------|
| Oral | LD50 | >1,780 mg/Kg (Rat) |
|------|------|--------------------|

- **Skin corrosion/irritation** Causes severe skin burns and eye damage.
- **Serious eye damage/irritation** Causes serious eye damage.
- **Respiratory or skin sensitisation** No sensitizing effect known.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** 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.

SECTION 12: Ecological information

- 12.1 Toxicity

- Aquatic toxicity:

56539-66-3 3-Methoxy-3-methyl-1-butanol

| | |
|------------|-----------------------|
| LC50 (96h) | >100 mg/L (Fish) |
| EC50 (48h) | >1,000 mg/L (Daphnia) |

111-76-2 2-butoxyethanol

| | |
|------------|----------------------|
| LC50 (96h) | 1,474 mg/L (Fish) |
| EC50 (48h) | 1,550 mg/L (Daphnia) |

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| | |
|---|----------------------|
| EC50 (72h) | 911 mg/L (Algae) |
| 68515-73-1 Alkyl polyglucosyde C8-C10 | |
| LC50 (96h) | 126 mg/L (Fish) |
| EC50 (48h) | >100 mg/L (Daphnia) |
| EC50 (72h) | 27.22 mg/L (Algae) |
| 10213-79-3 Sodium metasilicate, pentahydrate | |
| LC50 (96h) | 210 mg/L (Fish) |
| EC50 (48h) | 1,700 mg/L (Daphnia) |
| 1554325-20-0 Quaternary C12-14 alkyl methyl amine ethoxylate methyl chloride | |
| LC50 (96h) | >10-100 mg/L (Fish) |
| EC50 (48h) | >1-10 mg/L (Daphnia) |
| EC50 (72h) | >1-10 mg/L (Algae) |
| 64-02-8 tetrasodium ethylenediaminetetraacetate | |
| LC50 (96h) | >100 mg/L (Fish) |
| EC50 (48h) | 140 mg/L (Daphnia) |
| EC50 (72h) | >100 mg/L (Algae) |
| 1310-58-3 potassium hydroxide | |
| LC50 (96h) | 80 mg/L (Fish) |

- **12.2 Persistence and degradability** The contained surfactants are easily biodegradable

- **12.3 Bioaccumulative potential** No further relevant information available.

- **12.4 Mobility in soil** No further relevant information available.

- **12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.

- **12.7 Other adverse effects**

- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packagings:**

- **Recommendation:**

Disposal must be made according to official regulations.

Dispose of packaging according to regulations on the disposal of packagings.

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SECTION 14: Transport information

| | |
|---|-----------------|
| - 14.1 UN number or ID number - ADR, IMDG, IATA | Void |
| - 14.2 UN proper shipping name - ADR, IMDG, IATA | Void |
| - 14.3 Transport hazard class(es) - ADR, IMDG, IATA - Class | Void |
| - 14.4 Packing group - ADR, IMDG, IATA | Void |
| - 14.5 Environmental hazards: | Not applicable. |
| - 14.6 Special precautions for user | Not applicable. |
| - 14.7 Maritime transport in bulk according to IMO instruments | Not applicable. |

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Poisons Act

- Regulated explosives precursors

None of the ingredients is listed.

- Regulated poisons

None of the ingredients is listed.

- Reportable explosives precursors

None of the ingredients is listed.

- Reportable poisons

1310-58-3 | potassium hydroxide

17% of total caustic alkalinity

- Directive 2012/18/EU

- Named dangerous substances - ANNEX I None of the ingredients is listed.

- National regulations

- Classification according to VbF: Void

- Technical instructions (air):

| Class | Share in % |
|-------|------------|
| NK | 0.5 |

- Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

- Relevant phrases

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

- Department issuing data specification sheet: Ma-Fra Laboratories

- Contact: lab@mafra.it

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- Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VbF: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria)

DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 3: Acute toxicity – Category 3

Skin Corr. 1A: Skin corrosion/irritation – Category 1A

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

- * Data compared to the previous version altered.

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