

Printing date 05.11.2019

Version number 18

| 1.1 Product identifier | | |
|---|---|---|
| Trade name: | Rust and Dirt Remover | |
| Article number: 1.2 Relevant identified uses of the substance or mixture and | 87841, 87842 | |
| uses advised against Application of the substance / the | No further relevant information available. | |
| mixture | Cleaning agent/ Cleaner | |
| 1.3 Details of the supplier of the Manufacturer/Supplier: | safety data sheet AKEMI chemisch technische Spezialfabrik Lechstrasse 28 D 90451 Nürnberg | GmbH Tel. +49(0)911-642 Fax. +49(0)911-644 e-mail info@aken |
| Further information obtainable | Laboratory | |
| <u>1.4 Emergency telephone</u> number: | Product Safety Department AKEMI chemis Tel. +49(0)911-64296-59 Reachable during the following office hour Monday – Thursday from 07:30 a.m. to 16 Friday from 07:30 a.m. to 13:30 p.m. +44 (171) 635 91 91 National Poison Inform. Centre | S: |
| | Medical Toxicology Unit Avalonley Road | |
| SECTION 2: Hazards identificati 2.1 Classification of the substar | London ŚE14 5ER n | |
| 2.1 Classification of the substan Classification according to Regula GHS05 corrosion Skin Corr. 1B H314 Causes seve | London ŠE14 5ER n ee or mixture on (EC) No 1272/2008 e skin burns and eye damage. | |
| 2.1 Classification of the substan Classification according to Regula GHS05 corrosion Skin Corr. 1B H314 Causes seve Eye Dam. 1 H318 Causes serie | London ŠE14 5ER n ee or mixture on (EC) No 1272/2008 e skin burns and eye damage. | |
| 2.1 Classification of the substan Classification according to Regula GHS05 corrosion Skin Corr. 1B H314 Causes seve | London ŠE14 5ER n ee or mixture on (EC) No 1272/2008 e skin burns and eye damage. | rding to the CLP regulation. |
| 2.1 Classification of the substan Classification according to Regula GHS05 corrosion Skin Corr. 1B H314 Causes seve Eye Dam. 1 H318 Causes seric 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 | London ŠE14 5ER n ee or mixture on (EC) No 1272/2008 e skin burns and eye damage. is eye damage. | rding to the CLP regulation. |
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| 2.1 Classification of the substan Classification according to Regula GHS05 corrosion Skin Corr. 1B H314 Causes seve Eye Dam. 1 H318 Causes seve Eye Dam. 1 H318 Causes seve Labelling according to Regulation (EC) No 1272/2008 Hazard pictograms Signal word Hazard-determining components of labelling: | London ŠE14 5ER n e or mixture on (EC) No 1272/2008 e skin burns and eye damage. Is eye damage. The product is classified and labelled acco GHS05 Danger phosphoric acid Alcohols, C13-C15 branched and linear, et | thoxylated |
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| 2.1 Classification of the substan Classification according to Regula GHS05 corrosion Skin Corr. 1B H314 Causes seve Eye Dam. 1 H318 Causes seric 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 Hazard pictograms Signal word Hazard-determining components | London ŠE14 5ER n re or mixture on (EC) No 1272/2008 e skin burns and eye damage. Is eye damage. The product is classified and labelled acco GHS05 Danger phosphoric acid Alcohols, C13-C15 branched and linear, ef H314 Causes severe skin burns and eye of P101 If medical advice is ne at hand. P102 Keep out of reach of ch | thoxylated lamage. eded, have product container or l |
| 2.1 Classification of the substan Classification according to Regula GHS05 corrosion Skin Corr. 1B H314 Causes seve Eye Dam. 1 H318 Causes seve Eye Dam. 1 H318 Causes seve Labelling according to Regulation (EC) No 1272/2008 Hazard pictograms Signal word Hazard-determining components of labelling: Hazard statements | London ŠE14 5ER n e or mixture on (EC) No 1272/2008 e skin burns and eye damage. Is eye damage. The product is classified and labelled acco GHS05 Danger phosphoric acid Alcohols, C13-C15 branched and linear, ei H314 Causes severe skin burns and eye of P101 If medical advice is ne at hand. P102 Keep out of reach of ch P103 Read label before use. P260 Do not breathe mist/vaj | thoxylated lamage. eded, have product container or l ildren. |

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according to 1907/2006/EC, Article 31

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| | P303+P361+P3 | (Contd. of page 1) 31 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. 53 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. 38 IF IN EYES: Rinse cautiously with water for several minutes. |
|---|-----------------|--|
| | | Remove contact lenses, if present and easy to do. Continue rinsing. |
| | P312 | Call a POISON CENTER/doctor if you feel unwell. |
| | P405 | Store locked up. |
| | P501 | Dispose of contents/container in accordance with local/ regional/national/international regulations. |
| 2.3 Other hazards | | |
| Results of PBT and vPvB and vPvB and vPvB | assessment | |
| · PBT: | Not applicable. | |
| · vPvB: | Not applicable. | |

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

Mixture of substances listed below with nonhazardous additions. · Description:

| Eye Dam. 1, H318 Acute Tox. 4, H302 Aquatic Chronic 3, H412 | |
|--|--|
| , | |
| hosphoric acid Met. Corr.1, H290; Skin Corr. 1B, H314; Eye Dam. 1, H318 Acute Tox. 4, H302 | 25-50% |
| Propyn-1-ol, ethoxylated Acute Tox. 2, H330 STOT RE 2, H373 Eye Dam. 1, H318 Acute Tox. 4, H302; STOT SE 3, H335 | <1% |
| tergents / Labelling for contents | |
| | <5% |
| | Met. Corr.1, H290; Skin Corr. 1B, H314; Eye Dam. 1, H318 Acute Tox. 4, H302 propyn-1-ol, ethoxylated Acute Tox. 2, H330 STOT RE 2, H373 Eye Dam. 1, H318 Acute Tox. 4, H302; STOT SE 3, H335 |

SECTION 4: First aid measures

· 4.1 Description of first aid measures

| Immediately remove any clothing soiled by the product. |
|---|
| Supply fresh air. |
| In case of unconsciousness place patient stably in side position for transportation. |
| Immediately wash with water and soap and rinse thoroughly. |
| Rinse opened eye for several minutes under running water. Then consult a doctor. |
| Drink plenty of water and provide fresh air. Call for a doctor immediately. |
| |
| |
| Gastric or intestinal disorders |
| Acidosis |
| Symptoms in intoxication with acids: |
| In case of oral intake symptoms depend on concentration and acidity of incorporated acid, and are corrosive eschar in mouth and throat, vomitting, severe dysphagia, shock and coma. Therapy measures: drink plenty of water. Administer 20 g Magnesia usta in milk oral; no hydrogen carbonate oral; pain relief measures; in indication of acidosis infusion of sodium hydrogencarbonate (Contd. on page 3) |
| |

· Storage class:

· 7.3 Specific end use(s)

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Keep container tightly sealed.

No further relevant information available.

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| | | | (Contd. of page 3) | | | |
| | SECTION | 8: Exposure controls/perso | onal protection | | | |
| | Additional | information about | | | | |
| | | | further data; see item 7. | | | |
| | · 8.1 Contro | ol parameters | | | | |
| | Ingredients | s with limit values that require | monitoring at the workplace: | | | |
| | 7664-38-2 | phosphoric acid | | | | |
| | | rt-term value: 2 mg/m ³ | | | | |
| | | g-term value: 1 mg/m ³ | | | | |
| l | · <u>DNELs</u> | | | | | |
| l | | phosphoric acid | | | | |
| l | Dermal | DNEL (Langzeit-wiederholt) | | | | |
| | Inhalative | DNEL (Kurzzeit-akut) | 2 mg/m³ Air (ARB) | | | |
| | | DNEL (Langzeit-wiederholt) | 1-10.7 mg/m ³ Air (ARB) | | | |
| | | | 0.36-4.57 mg/m³ Air (BEV) | | | |
| | | 8 2-propyn-1-ol, ethoxylated | | | | |
| | Oral | DNEL (Langzeit-wiederholt) | 0.2 mg/kg bw/day (BEV) | | | |
| | Dermal | DNEL (Langzeit-wiederholt) | | | | |
| | | | 0.4 mg/kg bw/day (BEV) | | | |
| | Inhalative | DNEL (Langzeit-wiederholt) | 2.5 mg/m ³ Air (ARB) | | | |
| | | | 0.6 mg/m³ Air (BEV) | | | |
| | · PNECs | | | | | |
| | | 8 2-propyn-1-ol, ethoxylated | d | | | |
| | | issrig) 0.1 mg/l (SW) | | | | |
| | | | lists valid during the making were used as basis. | | | |
| | | sure controls | | | | |
| | | protective equipment: rotective and hygienic | | | | |
| | measures: | Do | not eat, drink, smoke or sniff while working. | | | |
| | | | skin protection cream for skin protection. | | | |
| | | | an skin thoroughly immediately after handling the product. p away from foodstuffs, beverages and feed. | | | |
| | | | nediately remove all soiled and contaminated clothing | | | |
| | | Was | sh hands before breaks and at the end of work. | | | |
| | | | not inhale gases / fumes / aerosols. | | | |
| | Respirator | | id contact with the eyes and skin. ase of brief exposure or low pollution use respiratory filter device. In case of | | | |
| | <u></u> | | nsive or longer exposure use self-contained respiratory protective device. | | | |
| | Protection | | ventive skin protection by use of skin-protecting agents is recommended. In use of gloves apply skin-cleaning agents and skin cosmetics. | | | |
| | | W | Protective gloves | | | |
| | | | The glove material has to be impermeable and resistant to the | | | |
| | | | product/ the substance/ the preparation. | | | |
| | | | Due to missing tests no recommendation to the glove material can be | | | |
| | | | given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation | | | |

times, rates of diffusion and the degradation Skin protection agent recommendation for preventive skin shelter in application and combination of protective gloves:

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| | STOKO EMULSION (http://www.stoko.com) Skin protection recommendation for skin cleaning after product handling: FRAPANTOL (http://www.stoko.com) Skin protection agent recommendation for skin aftercare: STOKO VITAN (http://www.stoko.com) The protection gloves to be used have to comply with the specifications of the directive 89/686/EC and the directive derived decree EN374, respectively, e.g. the above listed protection glove type. The mentioned permeation times´ data were generated and verified with material samples of the recommended protection glove type in the scope of laboratory anylyses of the company KCL GmbH in compliance with EN374. This recommendation refers exclusively to the material safety data sheet referenced product delivered by Akemi and the indicated field of application. In case of product dilution or in case of mixture with different substances or chemicals, and in condition of EN374 deviation | |
| | the producer of CE-approved protection gloves must be contacted for detailed information (e.g., KCL GmbH, Germany, 36124 Eichenzell, internet: http://www.kcl.de). | |
| Material of gloves | Butyl rubber, BR Nitrile rubber, NBR Fluorocarbon rubber (Viton) | |
| Penetration time of glove material | Chloroprene rubber, CR The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. Value for the permeation: Level \leq 6, 480 min | |
| | The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed. | |
| For the permanent contact gloves | | |
| made of the following materials are | | |
| <u>suitable:</u> | Butyl rubber, BR Butoject (KCL, Art_No. 897, 898) Nitrile rubber, NBR Camatril (KCL, Art_No. 730, 731, 732, 733) Fluorocarbon rubber (Viton) Vitoject (KCL, Art_No. 890) Chloroprene rubber, CR Camapren (KCL, Art_No. 720, 722, 726) | |
| As protection from splashes gloves | | |
| made of the following materials are | | |
| <u>suitable:</u> | Nitrile rubber, NBR Camatril (KCL, 730, 731, 732, 733) Chloroprene rubber, CR | |
| Not suitable are gloves made of the following materials: | Leather gloves Strong material gloves | |
| Eye protection: | Tightly sealed goggles | |
| Body protection: | Protective work clothing (Contd. on page 6) | |

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| SECTION 9: Physical and chemical properties | | |
|---|--|--|
| • 9.1 Information on basic physical and chemical properties | | |
| General Information | | |
| <u>Appearance:</u> Form: | Fluid | |
| Colour: | Yellow-brown | |
| · Odour: | Characteristic | |
| · pH-value at 20 °C: | <1 | |
| <u>Change in condition</u> <u>Melting point/freezing point:</u> <u>Initial boiling point and boiling range:</u> | Undetermined. | |
| · Flash point: | Not applicable. | |
| Auto-ignition temperature: | Product is not selfigniting. | |
| Explosive properties: | Product does not present an explosion hazard. | |
| Vapour pressure at 20 °C: | 23 hPa | |
| Density at 20 °C: | 1.24 g/cm ³ | |
| Solubility in / Miscibility with water: | Not miscible or difficult to mix. | |
| • <u>Viscosity:</u> <u>Dynamic:</u> <u>Kinematic at 20 °C:</u> | Not determined. 11 s (DIN 53211/4) | |
| <u>Solvent content:</u> <u>Organic solvents:</u> Water: | 0.0 % 56.7 % | |
| Solids content: • 9.2 Other information | 56.0 % No further relevant information available. | |

SECTION 10: Stability and reactivity

| · <u>10.1 Reactivity</u> · 10.2 Chemical stability | No further relevant information available. |
|--|--|
| Thermal decomposition / conditions to be avoided: 10.3 Possibility of hazardous | No decomposition if used according to specifications. |
| reactions | Reacts with alkali and metals. |
| | Reacts with strong oxidising agents. Reacts with metals forming hydrogen. |
| 10.4 Conditions to avoid | No further relevant information available. |
| <u>10.5 Incompatible materials:</u> 10.6 Hazardous decomposition | No further relevant information available. |
| products: | Phosphorus oxides (e.g. P2O5) Irritant gases/vapours |

SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

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

| • <u>LD/LC50</u> v | LD/LC50 values relevant for classification: | | | |
|--------------------|---|--------------------------|--|--|
| ATE (Acu | ATE (Acute Toxicity Estimates) | | | |
| Oral | LD50 | >2,545-3,132 mg/kg (rat) | | |
| Inhalative | LC50/4 h | 6.49 mg/l | | |

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|--|-------------------------------|--------------------|---|--|--|
| 7664-38-2 phosphoric acid | | | | | |
| Oral | LD50 | 1,250 mg/kg | 1,250 mg/kg (rat) | | |
| | NOAEL | ≥410 mg/kg | (rat) | | |
| Dermal | LD50 | 2,740 mg/kg | (rabbit) | | |
| Inhalative | LC50 | 850 mg/l (rat | | | |
| | LC50/1h | 1.69 mg/l (ra | t) | | |
| 157627-86 | 6-6 Alcoho | ls, C13-C15 k | pranched and linear, ethoxylated | | |
| Oral | LD50 | >500-2,000 r | ng/kg (rat) | | |
| Dermal | LD50 | >2,000 mg/kg | g (rat) | | |
| | LC50/48h | 1-10 mg/l (O | ncorhynchus mykiss) | | |
| 25749-64- | 8 2-propyr | n-1-ol, ethoxy | rlated | | |
| Oral | LD50 | >300-2,000 r | ng/kg (rat) | | |
| Dermal | LD50 | >2,000 mg/kg (rat) | | | |
| Inhalative | LC50/4 h | 0.05 mg/l (A1 | ſE) | | |
| | LC50/8h | >0.5-2 mg/l (rat) | | | |
| Primary irr | itant effect: | | | | |
| · Skin corros | | | Causes severe skin burns and eye damage. | | |
| | Serious eye damage/irritation | | Causes serious eye damage. | | |
| • Respiratory or skin sensitisation | | | Based on available data, the classification criteria are not met. | | |
| <u>CMR effects (carcinogenity, mutager</u> | | | Based on available data, the classification criteria are not met. | | |
| Germ cell mutagenicity Carcinogenicity | | ty | Based on available data, the classification criteria are not met. | | |
| | Reproductive toxicity | | Based on available data, the classification criteria are not met. | | |
| · STOT-sing | | | Based on available data, the classification criteria are not met. | | |
| · STOT-repe | | | Based on available data, the classification criteria are not met. | | |
| Aspiration | | | Based on available data, the classification criteria are not met. | | |
| | | | | | |

SECTION 12: Ecological information

· 12.1 Toxicity

| Aquatic toxicity: | | | |
|-------------------|--|--|--|
| 7664-38-2 pl | 7664-38-2 phosphoric acid | | |
| EC50 | 270 mg/l (BES) | | |
| | 270 mg/l (bacteria) | | |
| EC50/48h | >100 mg/l (daphnia magna) | | |
| NOELR/72h | 100 mg/l (Desmodesmus subspicatus) | | |
| EC50/72h | >100 mg/l (Desmodesmus subspicatus) | | |
| LC50/96h | 138 mg/l (Gambusia affinis) | | |
| | 98-106 mg/l (lem) | | |
| | 3-3.25 mg/l (lepomis macrochirus) | | |
| 157627-86-6 | Alcohols, C13-C15 branched and linear, ethoxylated | | |
| EC50/48h | 1-10 mg/l (daphnia magna) | | |
| EC10 | >1,000 mg/l (BES) | | |
| EC50/72h | EC50/72h 1-10 mg/l (Scenedesmus subspicatus) | | |
| 25749-64-8 2 | 25749-64-8 2-propyn-1-ol, ethoxylated | | |
| EC50 | >1,000 mg/l (pseudomonas putida) | | |
| NOEC | >1 mg/l (daphnia magna) | | |
| | >1 mg/l (Desmodesmus subspicatus) | | |
| LC50/96h | >100 mg/l (Leuciscus idus) | | |
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| 12.2 Dara | istance and | (Contd. of page 7) | | |
|---|-------------------------|--|--|--|
| • 12.2 Persistence and | | No further relevant information available. | | |
| degradability | | No further relevant information available. | | |
| • 12.3 Bioaccumulative potential | | No further relevant information available. | | |
| • 12.4 Mobility in soil • Additional ecological information: | | | | |
| General n | | Do not allow undiluted product or large quantities of it to reach ground water, | | |
| · <u>General notes.</u> | | water course or sewage system. | | |
| | | Must not reach sewage water or drainage ditch undiluted or unneutralised. | | |
| | | Rinse off of bigger amounts into drains or the aquatic environment may lead to | | |
| | | decreased pH-values. A low pH-value harms aquatic organisms. In the dilution | | |
| | | of the use-level the pH-value is considerably increased, so that after the use of | | |
| | | the product the aqueous waste, emptied into drains, is only low water- | | |
| | | dangerous. | | |
| | | Water hazard class 2 (German Regulation) (Self-assessment): hazardous for | | |
| | | water | | |
| | ilts of PBT and vPvB as | ssessment | | |
| · PBT: | | Not applicable. | | |
| • <u>vPvB:</u> | | Not applicable. | | |
| · <u>12.6 Othe</u> | r adverse effects | No further relevant information available. | | |
| SECTION | 13: Disposal consider | ations | | |
| SECTION | 15. Disposal consider | allons | | |
| · 13.1 Wast | te treatment methods | | | |
| Recommendation | | Must not be disposed together with household garbage. Do not allow product to reach sewage system. | | |
| European waste catalogue | | | | |
| 20 00 00 MUNICIPAL WASTES | | G (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND | | |
| | INSTITUTIONAL WAS | TES) INCLUDING SEPARATELY COLLECTED FRACTIONS | | |
| 20 01 00 | | | | |
| 20 01 29* detergents containing ha | | azardous substances | | |
| · Uncleaned packaging: | | | | |
| | | Empty contaminated packagings thoroughly. They may be recycled after | | |
| <u>Recommendation:</u> | | thorough and proper cleaning. | | |
| | | thorough and proper cleaning. | | |

SECTION 14: Transport information

| · 14.1 UN-Number | | | | |
|--|--|--|--|--|
| · ADR, IMDG, IATA | UN3264 | | | |
| | | | | |
| <u>14.2 UN proper shipping name</u> | | | | |
| · <u>ADR</u> | 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. | | | |
| | (PHOSPHORIC ACID, 1,4-BUTYNEDIOL) | | | |
| · IMDG, IATA | CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. | | | |
| | (PHOSPHORIC ACID, 1,4-BUTYNEDIOL) | | | |
| | | | | |
| <u>14.3 Transport hazard class(es)</u> | | | | |
| · <u>ADR</u> | | | | |
| | | | | |
| · <u>Class</u> | 8 (C1) Corrosive substances. | | | |
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| · Label | 8 |
| · IMDG, IATA | |
| | |
| · <u>Class</u> | 8 Corrosive substances. |
| · <u>Label</u> | 8 |
| 14.4 Packing group | |
| ADR, IMDG, IATA | III |
| · 14.5 Environmental hazards: | |
| • Marine pollutant: | No |
| 14.6 Special precautions for user | Warning: Corrosive substances. |
| · Danger code (Kemler): | 80 |
| • EMS Number: | F-A,S-B |
| Segregation groups Stowage Category | Acids A |
| · Stowage Category | A SW2 Clear of living quarters. |
| • 14.7 Transport in bulk according to Ann | |
| Marpol and the IBC Code | Not applicable. |
| Transport/Additional information: | |
| · ADR | |
| · Limited quantities (LQ) | 5L |
| Excepted quantities (EQ) | Code: E1 |
| | Maximum net quantity per inner packaging: 30 ml |
| | Maximum net quantity per outer packaging: 1000 ml |
| Transport category | 3 |
| Tunnel restriction code | E |
| · IMDG | |
| Limited quantities (LQ) | 5L |
| Excepted quantities (EQ) | Code: E1 |
| | Maximum net quantity per inner packaging: 30 ml |
| | Maximum net quantity per outer packaging: 1000 ml |
| · UN "Model Regulation": | UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O. (PHOSPHORIC ACID, 1,4-BUTYNEDIOL), 8, III |

SECTION 15: Regulatory information

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

| | Directive 2012/18/EU Named dangerous substances - | | |
|---|--|--|---------------------|
| | ANNEX I | None of the ingredients is listed. | |
| • | REGULATION (EC) No 1907/2006 ANNEX XVII | Conditions of restriction: 3 | |
| | National regulations: | | |
| | Waterhazard class: VOC EU | Water hazard class 2 (Self-assessment): hazardous for water. 0.0 g/l | |
| • | 15.2 Chemical safety assessment: | A Chemical Safety Assessment has not been carried out. | (Contd. on page 10) |

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 05.11.2019

Version number 18

Revision: 05.11.2019

Trade name: Rust and Dirt Remover

(Contd. of page 9)

SECTION 16: Other information This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. · Relevant phrases H290 May be corrosive to metals. H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H330 Fatal if inhaled. H335 May cause respiratory irritation. H373 May cause damage to organs through prolonged or repeated exposure. H412 Harmful to aquatic life with long lasting effects. · Recommended restriction of use refer to Technical Data Sheet (TDS) Department issuing SDS: Laboratory **Dieter Zimmermann** Contact: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de Abbreviations and acronyms: fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation 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) DNEL: Derived No-Effect Level (REACH) PNEC: Predicted No-Effect Concentration (REACH) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Met. Corr.1: Corrosive to metals - Category 1 Acute Tox. 4: Acute toxicity – Category 4 Acute Tox. 2: Acute toxicity – Category 2 Skin Corr. 1B: Skin corrosion/irritation - Category 1B Eye Dam. 1: Serious eye damage/eye irritation - Category 1 STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 STOT RE 2: Specific target organ toxicity (repeated exposure) - Category 2 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard - Category 3 * Data compared to the previous version altered. Adaptation in accordance with REACH directive 1907/2006/EC GB