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

1.1 Product identifier

Trade name : Sikagard[®]-62 Part B

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

Product use : Epoxy coating, Product is not intended for consumer use

1.3 Details of the supplier of the safety data sheet

| Company name of supplier | : | Sika Limited Watchmead Welwyn Garden City |
|---|---|--|
| | | Hertfordshire. AL7 1BQ |
| Telephone | : | +44 (0)1707 394444 |
| Telefax | : | +44 (0)1707 329129 |
| E-mail address of person responsible for the SDS | : | EHS@uk.sika.com |

1.4 Emergency telephone number

National Chemical Emergency Centre (NCEC) 24 Hour Emergency Telephone Number +44 870 190 6777

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

| Classification (REGULATION (EC) No 12 Acute toxicity, Category 4 | 72/2008) H302: Harmful if swallowed. |
|---|--|
| Skin corrosion, Sub-category 1A | H314: Causes severe skin burns and eye damage. |
| Serious eye damage, Category 1 | H318: Causes serious eye damage. |
| Skin sensitisation, Category 1 | H317: May cause an allergic skin reaction. |
| Long-term (chronic) aquatic hazard, Cat- egory 3 | H412: Harmful to aquatic life with long lasting effects. |

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)



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|---|-------------------------------------|--|--|
| Hazard pictograms : | | ! | |
| Signal word : | Danger | | |
| Hazard statements : | H302 H314 H317 H412 | Harmful if swallowed. Causes severe skin burns and e May cause an allergic skin react Harmful to aquatic life with long fects. | tion. |
| Precautionary statements : | Prevention: P261 P273 P280 | Avoid breathing mist or vapours Avoid release to the environmer Wear protective gloves/ protection eye protection/ face protection. | nt. |
| | Response: | | |
| | P303 + P361 + F | 2353 IF ON SKIN (or hair): Tak ately all contaminated clothing. I with water. | |
| | P304 + P340 + F P305 + P351 + F | air and keep comfortable for bre mediately call a POISON CENT | athing. Im- ER/ doctor. e cautiously Remove con- to do. Con- |

Hazardous components which must be listed on the label:

Adduct ITMA-P (Epoxy Amine Adduct) 2,2,4(or 2,4,4)-trimethylhexane-1,6-diamine 3-aminomethyl-3,5,5-trimethylcyclohexylamine

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.



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SECTION 3: Composition/information on ingredients

3.2 Mixtures

| Components Chemical name | CAS-No. | Classification | Concentration |
|---|--|--|---------------|
| | EC-No. Registration number | | (% w/w) |
| Adduct ITMA-P (Epoxy Amine | 115793-94-7 | Acute Tox. 4; H302 | >= 40 - < 60 |
| Adduct) | Not Assigned | Skin Sens. 1; H317 Aquatic Chronic 3; H412 | 2-40-00 |
| | | Acute toxicity esti- mate | |
| | | Acute oral toxicity: 500 mg/kg | |
| benzyl alcohol | 100-51-6 202-859-9 01-2119492630-38- XXXX | Acute Tox. 4; H302 Acute Tox. 4; H332 Eye Irrit. 2; H319 | >= 25 - < 40 |
| | | Acute toxicity esti- mate | |
| | | Acute oral toxicity: 1.620 mg/kg Acute inhalation tox- icity (dust/mist): | |
| 2,2,4(or 2,4,4)-trimethylhexane- 1,6-diamine | 25513-64-8 247-063-2 01-2119560598-25- XXXX | 4,178 mg/l Acute Tox. 4; H302 Skin Corr. 1A; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 | >= 10 - < 20 |
| | | Acute toxicity esti- mate | |
| | | Acute oral toxicity: 910 mg/kg | |



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| 3-aminomethyl-3,5,5- trimethylcyclohexylamine | 2855-13-2 220-666-8 01-2119514687-32- XXXX | Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 | >= 5 - < 10 | |
| For explanation of abbreviations see section 16 | | | | |

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

| General advice | : | Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance. |
|-------------------------|---|---|
| If inhaled | : | Move to fresh air. Consult a physician after significant exposure. |
| In case of skin contact | : | Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficul- ty. |
| In case of eye contact | : | Small amounts splashed into eyes can cause irreversible tis- sue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Keep eye wide open while rinsing. |
| If swallowed | : | Do not induce vomiting without medical advice. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. |

4.2 Most important symptoms and effects, both acute and delayed



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| Symptoms | : | Gastrointestinal discomfort Allergic reactions Dermatitis See Section 11 for more detailed information and symptoms. | n on health effects |
| Risks | : | Health injuries may be delayed. corrosive effects sensitising effects | |
| | | Harmful if swallowed. May cause an allergic skin reaction. Causes serious eye damage. Causes severe burns. | |
| • | ne | dical attention and special treatment neede | ed |
| Treatment | : | Treat symptomatically. | |
| Suitable extinguishing media | | In case of fire, use water/water spray/water j ide/sand/foam/alcohol resistant foam/chemic extinction. | |
| 5.2 Special hazards arising from Hazardous combustion prod- ucts | | Substance or mixture No hazardous combustion products are know | wn |
| 5.3 Advice for firefighters | | | |
| Special protective equipment for firefighters | : | In the event of fire, wear self-contained brea | thing apparatus. |
| Further information | : | Standard procedure for chemical fires. | |
| SECTION 6: Accidental releas | ie I | neasures | |
| 6.1 Personal processitions, protoc | tiv | e equipment and emergency procedures | |
| Personal precautions | | Use personal protective equipment. | |
| r ersonal precautions | • | Deny access to unprotected persons. | |
| 6.2 Environmental precautions | | | |
| Environmental precautions | : | Do not flush into surface water or sanitary see If the product contaminates rivers and lakes respective authorities. | |
| Country GB 100000048350 | | | 5/17 |



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6.3 Methods and material for containment and cleaning up

Methods for cleaning up

: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

| Advice on safe handling | : | Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products |
|---|-----|--|
| Advice on protection against fire and explosion | : | Normal measures for preventive fire protection. |
| Hygiene measures | : | Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday. |
| 7.2 Conditions for safe storage, | inc | luding any incompatibilities |
| Requirements for storage areas and containers | : | Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully re- sealed and kept upright to prevent leakage. Store in accord- ance with local regulations. |
| Further information on stor- age stability | : | No decomposition if stored and applied as directed. |
| 7.3 Specific end use(s) | | |
| Specific use(s) | : | Consult most current local Product Data Sheet prior to any use. |



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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

| Components | CAS-No. | Value type (Form | Control parame- | Basis * |
|------------|---------|------------------|-----------------|---------|
| | | of exposure) | ters * | |

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Engineering measures

Maintain air concentrations below occupational exposure standards. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

| Eye/face protection : | Safety glasses with side-shields conforming to EN166 Eye wash bottle with pure water Wear eye/face protection. | | | |
|---------------------------------|--|--|--|--|
| Hand protection | Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications. | | | |
| | Suitable for short time use or protection against splashes: Butyl rubber/nitrile rubber gloves (> 0,1 mm) Contaminated gloves should be removed. Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min. | | | |
| Skin and body protection : | Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionaly recommended for mixing and stirring work. | | | |
| Respiratory protection | No special measures required. | | | |
| Environmental exposure controls | | | | |
| General advice | Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities. | | | |

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| Physical state | : liquid |
|----------------|--------------|
| Colour | : colourless |



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| Odour | : amine-like | |
| Melting point/range / Freezing point | : No data available | |
| Boiling point/boiling range | : No data available | |
| Flammability (solid, gas) | : No data available | |
| Upper/lower flammability or Upper explosion limit / Up- per flammability limit | - | |
| Lower explosion limit / Lower flammability limit | : No data available | |
| Flash point | : > 101 °C Method: closed cup | |
| Auto-ignition temperature | : No data available | |
| Decomposition temperature | : No data available | |
| рН | : ca. 11 (20 °C) Concentration: 50 % | |
| Viscosity Viscosity, kinematic | : > 20,5 mm2/s (40 °C) | |
| Solubility(ies) Water solubility | : insoluble | |
| Partition coefficient: n- octanol/water | : No data available | |
| Vapour pressure | : 0,07 hPa | |
| Density | : ca. 1,02 g/cm3 (20 °C) | |
| Relative vapour density | : No data available | |

SAFETY DATA SHEET According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



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| Particle characteristics | : | No data available | |
| 9.2 Other information | | | |
| No data available | | | |
| SECTION 10: Stability and r | eactivi | ity | |
| 10.1 Reactivity | | | |
| No dangerous reaction know | wn unde | er conditions of normal use. | |
| 10.2 Chemical stability | | | |
| The product is chemically st | table. | | |
| 10.3 Possibility of hazardous r | reaction | IS | |
| Hazardous reactions | : | Stable under recommended storage conditions. | |
| 10.4 Conditions to avoid | | | |
| Conditions to avoid | : | No data available | |
| 10.5 Incompatible materials | | | |
| Materials to avoid | : | No data available | |
| 10.6 Hazardous decomposition | - | | |
| No decomposition if stored | and app | lied as directed. | |
| SECTION 11: Toxicological | inform | ation | |
| 14.4 Information on borord alo | | defined in Regulation (EC) No. 1272/2009 | |
| Acute toxicity | 5565 di | s defined in Regulation (EC) No 1272/2008 | |
| Harmful if swallowed. | | | |
| <u>Components:</u> | | | |
| | | | |
| Adduct ITMA-P (Epoxy An | nine Ad | - | |
| | - | _D50 Oral (Rat): 500 mg/kg | |
| Acute oral toxicity | : L | | |
| | A | Acute toxicity estimate: 500 mg/kg Method: Calculation method | |
| | A | Acute toxicity estimate: 500 mg/kg | |



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| | | Acute toxicity estimate: 1.620 mg/kg Method: Calculation method | |
| Acute inhalation toxicity | : | LC50 (Rat): > 4,178 mg/l Exposure time: 4 h Test atmosphere: dust/mist | |
| | | Acute toxicity estimate: 4,178 mg/l Test atmosphere: dust/mist Method: Calculation method | |
| 2,2,4(or 2,4,4)-trimethylhe | (ane | -1,6-diamine: | |
| Acute oral toxicity | | LD50 Oral (Rat): 910 mg/kg | |
| | | Acute toxicity estimate: 910 mg/kg Method: Calculation method | |
| 3-aminomethyl-3,5,5-trime | thylc | cyclohexylamine: | |
| Acute oral toxicity | : | Acute toxicity estimate: 1.030 mg/kg Method: Acute toxicity estimate according t No. 1272/2008 | to Regulation (EC) |
| | | LD50 Oral (Rat): 1.030 mg/kg | |
| Acute inhalation toxicity | : | LC50 (Rat): > 5 mg/l Exposure time: 4 h Test atmosphere: dust/mist | |
| Acute dermal toxicity | : | LD50 Dermal (Rabbit): > 2.000 mg/kg | |
| | | LD50 (Rabbit): > 2.000 - 5.000 mg/kg | |
| Skin corrosion/irritation Causes severe burns. | | | |
| Serious eye damage/eye ir Causes serious eye damage | | ion | |
| Respiratory or skin sensiti | isatio | on | |
| Skin sensitisation May cause an allergic skin re | eacti | on. | |
| Respiratory sensitisation Not classified based on avai | lable | information. | |
| Germ cell mutagenicity Not classified based on avai | labla | information | |



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Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: Ecological information

12.1 Toxicity

Components:

Adduct ITMA-P (Epoxy Amine Adduct): Toxicity to algae/aguatic

| Toxicity to algae/aquatic plants | : | ErC50 (algae): > 10 - 100 mg/l Exposure time: 72 h |
|---|-----|---|
| benzyl alcohol: | | |
| Toxicity to fish | : | LC50 (Fish): > 100 mg/l Exposure time: 96 h |
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h |
| 2,2,4(or 2,4,4)-trimethylhexa | ne- | 1,6-diamine: |
| Toxicity to algae/aquatic plants | : | EC50 (Scenedesmus capricornutum (fresh water algae)): 29,5 mg/l Exposure time: 72 h |
| Toxicity to fish (Chronic tox- | : | LC50: 174 mg/l |
| Country GB 100000048350 | | 11 / 1 |



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|---|---|---|
| icity) | Exposure time: 48 h Species: Leuciscus idus (Golden orfe) | |
| 3-aminomethyl-3,5,5-trimethy | lcyclohexylamine: | |
| Toxicity to algae/aquatic plants | ErC50 (Desmodesmus subspicatus (gre mg/l Exposure time: 72 h | en algae)): > 10 - 100 |
| | NOEC (Desmodesmus subspicatus (gre Exposure time: 72 h | een algae)): 1,5 mg/l |
| 2.2 Persistence and degradability No data available | , | |
| 2.3 Bioaccumulative potential No data available | | |
| 2.4 Mobility in soil No data available | | |
| 2.5 Results of PBT and vPvB ass | essment | |
| Product: | | |
| Assessment | This substance/mixture contains no com to be either persistent, bioaccumulative very persistent and very bioaccumulative 0.1% or higher | and toxic (PBT), or |
| 2.6 Endocrine disrupting propert | ies | |
| Product: | | |
| Assessment | The substance/mixture does not contain ered to have endocrine disrupting prope REACH Article 57(f) or Commission Del (EU) 2017/2100 or Commission Regulat levels of 0.1% or higher. | rties according to egated regulation |
| 2.7 Other adverse effects | | |
| Product: | | |
| Additional ecological infor- mation | An environmental hazard cannot be exc unprofessional handling or disposal. Harmful to aquatic life with long lasting e | |

: The generation of waste should be avoided or minimized

13.1 Waste treatment methods



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| | | wherever possible. | |
| | | Empty containers or liners may retain so This material and its container must be d | • |
| | | way. | |
| | | Dispose of surplus and non-recyclable pr waste disposal contractor. | oducts via a licensed |
| | | Disposal of this product, solutions and ar at all times comply with the requirements protection and waste disposal legislation local authority requirements. | of environmental |
| | | Avoid dispersal of spilled material and ru soil, waterways, drains and sewers. | noff and contact with |
| European Waste Catalogue | : | 08 01 11* waste paint and varnish conta vents or other dangerous substances | ining organic sol- |
| Contaminated packaging | : | 15 01 10* packaging containing residues by dangerous substances | of or contaminated |

SECTION 14: Transport information

| 14.1 UN number or ID number | | | | |
|---------------------------------|---|---|---|--|
| ADR | : | UN 2735 | | |
| IMDG | : | UN 2735 | | |
| ΙΑΤΑ | : | UN 2735 | | |
| 14.2 UN proper shipping name | | | | |
| ADR | : | AMINES, LIQUID, CO (3-aminomethyl-3,5,5 ane-1,6-diamine) | ORROSIVE, N.O.S. 5-trimethylcyclohexylamine, trimethylhex- | |
| IMDG | : | AMINES, LIQUID, CORROSIVE, N.O.S. (3-aminomethyl-3,5,5-trimethylcyclohexylamine, trimethylhex- ane-1,6-diamine) | | |
| ΙΑΤΑ | : | Amines, liquid, corrosive, n.o.s. (3-aminomethyl-3,5,5-trimethylcyclohexylamine, trimethylhex- ane-1,6-diamine) | | |
| 14.3 Transport hazard class(es) | | | | |
| | | Class | Subsidiary risks | |
| ADR | : | 8 | | |
| IMDG | : | 8 | | |
| ΙΑΤΑ | : | 8 | | |
| 14.4 Packing group | | | | |

Country GB 10000048350



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| | Packing group Classification Code Hazard Identification Number Labels Tunnel restriction code | III C7 80 8 (E) |
|------|--|---------------------------------|
| | IMDG Packing group Labels EmS Code | III 8 F-A, S-B |
| | IATA (Cargo) Packing instruction (cargo aircraft) Packing instruction (LQ) Packing group Labels | 856 Y841 III Corrosive |
| | IATA (Passenger) Packing instruction (passen- ger aircraft) Packing instruction (LQ) Packing group Labels | 852 Y841 III Corrosive |
| 14.5 | Environmental hazards | |
| | | |

| ADR Environmentally hazardous | : | no |
|---|---|----|
| IMDG Marine pollutant | : | no |
| IATA (Passenger) Environmentally hazardous | : | no |
| IATA (Cargo) Environmentally hazardous | : | no |

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Relevant EU provisions transposed through retained EU law



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| UK REACH List of restrictions (Ar | nnex 17) | : Not applicable | |
| UK REACH Candidate list of subs concern (SVHC) for Authorisation | | : Not applicable | |
| The Persistent Organic Pollutants Regulation (EU) 2019/1021 as an ain) | | : Not applicable | |
| International Chemical Weapons Schedules of Toxic Chemicals an | | : Not applicable | |
| Regulation (EC) No 1005/2009 or plete the ozone layer | n substances that de- | : Not applicable | |
| UK REACH List of substances su (Annex XIV) | bject to authorisation | : Not applicable | |
| GB Export and import of hazardou Informed Consent (PIC) Regulation | | : Not applicable | |
| Control of Major Accident Hazard 2015 (COMAH) | s Regulations | Not applicable | |
| Volatile organic compounds : | Law on the incentive t (VOCV) Volatile organic comp | - | |
| | Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 36,2% w/w | | |
| If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection. | | | |
| Health, safety and environ- mental regulation/legislation specific for the substance or mixture: | Environmental Protect Health and Safety at V Control of Substances (COSHH) May be subject to the Regulations (COMAH | Vork Act 1974 & Sub Hazardous to Healt Control of Major Acc | osidiary Regulations h Regulations |

15.2 Chemical safety assessment



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SECTION 16: Other information

| Full text of H-Statements | |
|---------------------------------|---|
| H302 | Harmful if swallowed. |
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H412 | : Harmful to aquatic life with long lasting effects. |
| Full text of other abbreviation | S |
| Acute Tox. | Acute toxicity |
| Aquatic Chronic | : Long-term (chronic) aquatic hazard |
| Eye Dam. | Serious eye damage |
| Eye Irrit. | Eye irritation |
| Skin Corr. | Skin corrosion |
| Skin Sens. ADR | Skin sensitisation |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| CAS | Chemical Abstracts Service |
| DNEL | Derived no-effect level |
| EC50 | Half maximal effective concentration |
| GHS | Globally Harmonized System |
| ΙΑΤΑ | International Air Transport Association |
| IMDG | International Maritime Code for Dangerous Goods |
| LD50 | : Median lethal dosis (the amount of a material, given all at |
| | once, which causes the death of 50% (one half) of a group of |
| | test animals) |
| LC50 | Median lethal concentration (concentrations of the chemical in |
| | air that kills 50% of the test animals during the observation |
| MARPOL | period) International Convention for the Prevention of Pollution from |
| WARFOL | Ships, 1973 as modified by the Protocol of 1978 |
| OEL | Occupational Exposure Limit |
| PBT | Persistent, bioaccumulative and toxic |
| PNEC | Predicted no effect concentration |
| REACH | Regulation (EC) No 1907/2006 of the European Parliament |
| | and of the Council of 18 December 2006 concerning the Reg- |
| | istration, Evaluation, Authorisation and Restriction of Chemi- |
| | cals (REACH), establishing a European Chemicals Agency |
| SVHC | : Substances of Very High Concern |
| vPvB | Very persistent and very bioaccumulative |
| Further information | |
| Classification of the mixture: | Classification procedure: |
| Acute Tox. 4 | I302 Calculation method |
| ountry CR 10000048250 | 16 / |



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| Skin Corr. 1A | H314 | Calculation method | |
| Eye Dam. 1 | H318 | Calculation method | |
| Skin Sens. 1 | H317 | Calculation method | |
| Aquatic Chronic 3 | H412 | Calculation method | |

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version !

GB / EN