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

### 1.1 Product identifier

Trade name : REPAIR Part B

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

Product use : Adhesive

### 1.3 Details of the supplier of the safety data sheet

| | | |
|---|---|---|
| Company name of supplier | : | Sika Italia S.p.A.<br>Via Luigi Einaudi 6<br>20068 Peschiera Borromeo |
| Telephone | : | +39 02 54778 111 |
| Telefax | : | +39 02 54778 119 |
| E-mail address of person responsible for the SDS | : | EHS@it.sika.com |

### 1.4 Emergency telephone number

CAV Napoli – Azienda Ospedaliera A. Cardarelli - Tel. 0817472870
CAV Firenze - Az.Osp.Careggi U.O. Tossicologia Medica - Tel. 0557947819
CAV Pavia - Centro Naz.le d'informazione Tossicologica - Tel. 038224444
CAV Milano - Ospedale Niguarda Ca' Grande - Tel. 0266101029
CAV Bergamo - Azienda Ospedaliera Papa Giovanni XXIII - Tel. 800883300
CAV Roma - Policlinico Umberto I - Tel. 0649978000
CAV Roma - Policlinico Agostino Gemelli - Tel. 063054343
CAV Foggia - Az. Osp. Universitaria Riuniti - Tel. 0881732326
CAV Roma - Ospedale Pediatrico Bambino Gesù - Tel. 0668593726
CAV Verona - Az. Osp. Universitaria di Borgo Trento - Tel. 800011858

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification (REGULATION (EC) No 1272/2008)**

| | |
|---|---|
| Skin corrosion, Sub-category 1B | 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. |
| Short-term (acute) aquatic hazard, Category 1 | H400: Very toxic to aquatic life. |
| Long-term (chronic) aquatic hazard, Category 1 | H410: Very toxic to aquatic life with long lasting effects. |

### 2.2 Label elements

**Labelling (REGULATION (EC) No 1272/2008)**

| | | | |
|---|---|---|---|
| Hazard pictograms | : |  | |
| Signal word | : | Danger | |
| Hazard statements | : | H314 | Causes severe skin burns and eye damage. |
| | | H317 | May cause an allergic skin reaction. |
| | | H410 | Very toxic to aquatic life with long lasting effects. |
| Supplemental Hazard Statements | : | EUH071 | Corrosive to the respiratory tract. |
| Precautionary statements | : | P101 | If medical advice is needed, have product container or label at hand. |
| | | P102 | Keep out of reach of children. |
| | | **Prevention:** | |
| | | P273 | Avoid release to the environment. |
| | | P280 | Wear protective gloves/ protective clothing/ eye protection/ face protection. |
| | | **Response:** | |
| | | 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. |
| | | P304 + P340 + P310 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor. |
| | | P305 + P351 + P338 + P310 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor. |
| | | P391 | Collect spillage. |
| | | **Disposal:** | |
| | | P501 | Dispose of contents/container in accordance with local regulation. |

**Hazardous components which must be listed on the label:**

Fatty acids C18 unsat, reaction products with tetraethylenepentamine
3-aminomethyl-3,5,5-trimethylcyclohexylamine
m-phenylenebis(methylamine)

### 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.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

**Components**

| Chemical name | CAS-No.<br>EC-No.<br>Registration number | Classification | Concentration (% w/w) |
|---|---|---|---|
| Fatty acids C18 unsat, reaction products with tetraethylenepentamine | 1226892-45-0<br>629-725-6<br>01-2119487006-38-XXXX | Skin Corr. 1C; H314<br>Eye Dam. 1; H318<br>Skin Sens. 1A; H317<br>Aquatic Acute 1; H400<br>Aquatic Chronic 1; H410<br><br>M-Factor (Acute aquatic toxicity): 10<br>M-Factor (Chronic aquatic toxicity): 1 | >= 40 - < 60 |
| benzyl alcohol | 100-51-6<br>202-859-9<br>01-2119492630-38-XXXX | Acute Tox. 4; H302<br>Acute Tox. 4; H332<br>Eye Irrit. 2; H319<br><br>Acute toxicity estimate<br><br>Acute oral toxicity: 1.620 mg/kg<br>Acute inhalation toxicity (dust/mist): 4,178 mg/l | >= 25 - < 40 |

| | | | |
|---|---|---|---|
| 3-aminomethyl-3,5,5-trimethylcyclohexylamine | 2855-13-2<br>220-666-8<br>01-2119514687-32-XXXX | Acute Tox. 4; H302<br>Skin Corr. 1B; H314<br>Eye Dam. 1; H318<br>Skin Sens. 1A; H317<br>---<br>specific concentration limit<br>Skin Sens. 1A; H317<br>>= 0,001 %<br>---<br>Acute toxicity estimate<br><br>Acute oral toxicity: 1.030 mg/kg | >= 10 - < 20 |
| m-phenylenebis(methylamine) | 1477-55-0<br>216-032-5<br>01-2119480150-50-XXXX | Acute Tox. 4; H302<br>Acute Tox. 4; H332<br>Skin Corr. 1B; H314<br>Skin Sens. 1B; H317<br>Aquatic Chronic 3; H412<br>EUH071<br>---<br>Acute toxicity estimate<br><br>Acute oral toxicity: 930 mg/kg<br>Acute inhalation toxicity (dust/mist): 1,34 mg/l | >= 5 - < 10 |
| 2,4,6-tris(dimethylaminomethyl)phenol<br>Contains:<br>bis[(dimethylamino)methyl]phenol <= 15 % | 90-72-2<br>202-013-9<br>01-2119560597-27-XXXX | Acute Tox. 4; H302<br>Skin Corr. 1C; H314<br>Eye Dam. 1; H318 | >= 5 - < 10 |

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 difficulty.

In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue 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

Symptoms : Allergic reactions
Dermatitis
See Section 11 for more detailed information on health effects and symptoms.

Risks : Health injuries may be delayed.
corrosive effects
sensitising effects

May cause an allergic skin reaction.
Causes serious eye damage.
Corrosive to the respiratory tract.
Causes severe burns.

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

Treatment : Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : In case of fire, use water/water spray/water jet/carbon dioxide/sand/foam/alcohol resistant foam/chemical powder for extinction.

### 5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : No hazardous combustion products are known

### 5.3 Advice for firefighters

| | | |
|---|---|---|
| Special protective equipment for firefighters | : | In the event of fire, wear self-contained breathing apparatus. |
| Further information | : | Collect contaminated fire extinguishing water separately. This must not be discharged into drains.<br>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

| | | |
|---|---|---|
| Personal precautions | : | Use personal protective equipment.<br>Deny access to unprotected persons. |

### 6.2 Environmental precautions

| | | |
|---|---|---|
| Environmental precautions | : | Do not flush into surface water or sanitary sewer system.<br>If the product contaminates rivers and lakes or drains inform respective authorities. |

### 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).<br>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).<br>Do not get in eyes, on skin, or on clothing.<br>For personal protection see section 8.<br>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.<br>Smoking, eating and drinking should be prohibited in the application area.<br>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, including 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 accordance with local regulations.

Further information on storage 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.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

**Occupational Exposure Limits**

| Components | CAS-No. | Value type (Form of exposure) | Control parameters * | Basis * |
|---|---|---|---|---|
| m-phenylenebis(methylamine) | 1477-55-0 | C | 0,018 ppm | ACGIH |

*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

### 8.2 Exposure controls

**Engineering measures**

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

**Personal protective equipment**

Eye 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 : In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
organic vapor filter (Type A)
A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm
Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Methods for determining inhalation exposure). This applies in particular to the mixing / stirring area. In case this is not sufficent to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.

**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 | : | yellow |
| Odour | : | ammoniacal |
| Melting point/range / Freezing point | : | No data available |
| Initial boiling point and boiling range | : | 180 °C |
| Flammability (solid, gas) | : | No data available |

**Upper/lower flammability or explosive limits**

| | | |
|---|---|---|
| Upper explosion limit / Upper flammability limit | : | No data available |
| Lower explosion limit / Lower flammability limit | : | No data available |
| Flash point | : | 130 °C |
| Auto-ignition temperature | : | No data available |
| Decomposition temperature | : | No data available |
| pH | : | ca. 9 (20 °C)<br>Concentration: 100 % |

**Viscosity**

| | | |
|---|---|---|
| Viscosity, dynamic | : | ca. 325 mPa.s (23 °C) |
| Viscosity, kinematic | : | No data available |

**Solubility(ies)**

| | | |
|---|---|---|
| Water solubility | : | < 0,1 g/l slightly soluble |
| Partition coefficient: n-octanol/water | : | No data available |
| Vapour pressure | : | < 10,34 mmHg (21 °C) |
| Density | : | ca. 0,98 g/cm3 (23 °C) |
| Relative vapour density | : | No data available |
| Particle characteristics | : | No data available |

**9.2 Other information**

No data available

## SECTION 10: Stability and reactivity

**10.1 Reactivity**

No dangerous reaction known under conditions of normal use.

**10.2 Chemical stability**

The product is chemically stable.

**10.3 Possibility of hazardous reactions**

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 products**

No decomposition if stored and applied as directed.

## SECTION 11: Toxicological information

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

**Acute toxicity**

Not classified based on available information.

**Components:**

**benzyl alcohol:**

| | | |
|---|---|---|
| Acute oral toxicity | : | LD50 Oral (Rat): 1.620 mg/kg<br><br>Acute toxicity estimate: 1.620 mg/kg<br>Method: Calculation method |
| Acute inhalation toxicity | : | LC50 (Rat): > 4,178 mg/l<br>Exposure time: 4 h<br>Test atmosphere: dust/mist<br><br>Acute toxicity estimate: 4,178 mg/l<br>Test atmosphere: dust/mist<br>Method: Calculation method |

**3-aminomethyl-3,5,5-trimethylcyclohexylamine:**

| | | |
|---|---|---|
| Acute oral toxicity | : | Acute toxicity estimate: 1.030 mg/kg<br>Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008<br><br>LD50 Oral (Rat): 1.030 mg/kg |
| Acute inhalation toxicity | : | LC50 (Rat): > 5 mg/l<br>Exposure time: 4 h<br>Test atmosphere: dust/mist |
| Acute dermal toxicity | : | LD50 Dermal (Rabbit): > 2.000 mg/kg<br><br>LD50 (Rabbit): > 2.000 - 5.000 mg/kg |

**m-phenylenebis(methylamine):**

| | | |
|---|---|---|
| Acute oral toxicity | : | LD50 Oral (Rat): 930 mg/kg<br><br>Acute toxicity estimate: 930 mg/kg<br>Method: Calculation method |
| Acute inhalation toxicity | : | LC50 (Rat): 1,34 mg/l<br>Exposure time: 4 h<br>Test atmosphere: dust/mist<br>Assessment: Corrosive to the respiratory tract.<br><br>Acute toxicity estimate: 1,34 mg/l<br>Test atmosphere: dust/mist |

Method: Calculation method

Acute dermal toxicity : LD50 Dermal (Rat): > 3.100 mg/kg

**2,4,6-tris(dimethylaminomethyl)phenol:**

Acute oral toxicity : LD50 (Rat): > 1.999 mg/kg
Remarks: Harmful if swallowed.
Annex VI - Harmonised
REGULATION (EC) No 1272/2008

**Skin corrosion/irritation**

Causes severe burns.

**Components:**

**2,4,6-tris(dimethylaminomethyl)phenol:**

Species : Rabbit
Assessment : Corrosive
Method : OECD Test Guideline 404

Assessment : irritating
Remarks : Annex VI - Harmonised
REGULATION (EC) No 1272/2008

**Serious eye damage/eye irritation**

Causes serious eye damage.

**Components:**

**2,4,6-tris(dimethylaminomethyl)phenol:**

Species : Rabbit
Assessment : Causes serious eye damage.

Assessment : irritating
Remarks : Annex VI - Harmonised
REGULATION (EC) No 1272/2008

**Respiratory or skin sensitisation**

**Skin sensitisation**

May cause an allergic skin reaction.

**Respiratory sensitisation**

Not classified based on available information.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

Not classified based on available information.

**STOT - single exposure**

Corrosive to the respiratory tract.

**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:**

**Fatty acids C18 unsat, reaction products with tetraethylenepentamine:**

| | | |
|---|---|---|
| M-Factor (Acute aquatic toxicity) | : | 10 |
| M-Factor (Chronic aquatic toxicity) | : | 1 |

**benzyl alcohol:**

| | | |
|---|---|---|
| Toxicity to fish | : | LC50 (Fish): > 100 mg/l<br>Exposure time: 96 h |
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia magna (Water flea)): > 100 mg/l<br>Exposure time: 48 h |

**3-aminomethyl-3,5,5-trimethylcyclohexylamine:**

| | | |
|---|---|---|
| Toxicity to algae/aquatic plants | : | ErC50 (Desmodesmus subspicatus (green algae)): > 10 - 100 mg/l<br>Exposure time: 72 h<br><br>NOEC (Desmodesmus subspicatus (green algae)): 1,5 mg/l<br>Exposure time: 72 h |

**m-phenylenebis(methylamine):**

| | | |
|---|---|---|
| Toxicity to fish | : | LC50 (Oryzias latipes (Japanese medaka)): > 10 - 100 mg/l<br>Exposure time: 96 h |
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia magna (Water flea)): > 10 - 100 mg/l<br>Exposure time: 48 h |

**2,4,6-tris(dimethylaminomethyl)phenol:**

| | | |
|---|---|---|
| Toxicity to algae/aquatic plants | : | EC50 (Scenedesmus capricornutum (fresh water algae)): > 10 - 100 mg/l<br>Exposure time: 72 h |

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

**Product:**

| | | |
|---|---|---|
| Assessment | : | 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.. |

### 12.6 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. |

### 12.7 Other adverse effects

**Product:**

| | | |
|---|---|---|
| Additional ecological information | : | An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.<br>Very toxic to aquatic life with long lasting effects. |

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

| | | |
|---|---|---|
| Product | : | The generation of waste should be avoided or minimized |

wherever possible.
Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way.
Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.
Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 14: Transport information

### 14.1 UN number or ID number

| | | |
|---|---|---|
| **ADR** | : | UN 2735 |
| **IMDG** | : | UN 2735 |
| **IATA** | : | UN 2735 |

### 14.2 UN proper shipping name

| | | |
|---|---|---|
| **ADR** | : | AMINES, LIQUID, CORROSIVE, N.O.S. (3-aminomethyl-3,5,5-trimethylcyclohexylamine) |
| **IMDG** | : | AMINES, LIQUID, CORROSIVE, N.O.S. (3-aminomethyl-3,5,5-trimethylcyclohexylamine) |
| **IATA** | : | Amines, liquid, corrosive, n.o.s. (3-aminomethyl-3,5,5-trimethylcyclohexylamine) |

### 14.3 Transport hazard class(es)

| | | |
|---|---|---|
| **ADR** | : | 8 |
| **IMDG** | : | 8 |
| **IATA** | : | 8 |

### 14.4 Packing group

**ADR**

| | | |
|---|---|---|
| Packing group | : | II |
| Classification Code | : | C7 |
| Hazard Identification Number | : | 80 |
| Labels | : | 8 |
| Tunnel restriction code | : | (E) |

**IMDG**

| | | |
|---|---|---|
| Packing group | : | II |
| Labels | : | 8 |
| EmS Code | : | F-A, S-B |

**IATA (Cargo)**

| | | |
|---|---|---|
| Packing instruction (cargo aircraft) | : | 855 |
| Packing instruction (LQ) | : | Y840 |
| Packing group | : | II |
| Labels | : | Corrosive |

**IATA (Passenger)**

| | | |
|---|---|---|
| Packing instruction (passenger aircraft) | : | 851 |
| Packing instruction (LQ) | : | Y840 |
| Packing group | : | II |
| Labels | : | 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

| | | |
|---|---|---|
| REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) | : | Conditions of restriction for the following entries should be considered: Number on list 3 |
| International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors | : | Not applicable |
| REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). | : | None of the components are listed (=> 0.1 %). |
| REACH - List of substances subject to authorisation (Annex XIV) | : | Not applicable |
| Regulation (EC) No 1005/2009 on substances that deplete the ozone layer | : | Not applicable |

| | | |
|---|---|---|
| Regulation (EU) 2019/1021 on persistent organic pollutants (recast) | : | Not applicable |
| Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals | : | Not applicable |

REACH Information: All substances contained in our Products are
- registered by our upstream suppliers, and/or
- registered by us, and/or
- excluded from the regulation, and/or
- exempted from the registration.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

E1 ENVIRONMENTAL HAZARDS

| | | |
|---|---|---|
| Volatile organic compounds | : | Law on the incentive tax for volatile organic compounds (VOCV)<br>Volatile organic compounds (VOC) content: 25% w/w<br><br>Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)<br>Volatile organic compounds (VOC) content: 25% w/w |

**Other regulations:**

Legislative Decree April 9,2008, 81 (Implementation of Article 1 of the Law of 3 August 2007, n. 123, concerning the protection of health and safety in the workplace.) and subsequent amendments
Legislative Decree April 3, 2006, n.152, (Environmental standards) and subsequent amendments
Legislative Decree February 6, 2009, 21 (Regulations for the execution of the provisions laid down in Regulation (EC) no. 648/2004 on detergents)

### 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

## 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. |
| H400 | : | Very toxic to aquatic life. |
| H410 | : | Very toxic to aquatic life with long lasting effects. |

| | | |
|---|---|---|
| H412 | : | Harmful to aquatic life with long lasting effects. |

**Full text of other abbreviations**

| | | |
|---|---|---|
| Acute Tox. | : | Acute toxicity |
| Aquatic Acute | : | Short-term (acute) aquatic hazard |
| Aquatic Chronic | : | Long-term (chronic) aquatic hazard |
| Eye Dam. | : | Serious eye damage |
| Eye Irrit. | : | Eye irritation |
| Skin Corr. | : | Skin corrosion |
| Skin Sens. | : | Skin sensitisation |
| ACGIH | : | USA. ACGIH Threshold Limit Values (TLV) |
| ACGIH / C | : | Ceiling limit |
| 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 |
| IATA | : | 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 period) |
| MARPOL | : | International Convention for the Prevention of Pollution from 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 Registration, Evaluation, Authorisation and Restriction of Chemicals (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:** |
|---|---|---|
| Skin Corr. 1B | H314 | Calculation method |
| Eye Dam. 1 | H318 | Calculation method |
| Skin Sens. 1 | H317 | Calculation method |
| Aquatic Acute 1 | H400 | Calculation method |
| Aquatic Chronic 1 | H410 | 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 !

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