

## SAFETY DATA SHEET

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

#### 1.1. Product identifier

|  |                       |
|--|-----------------------|
| Trade name or designation of the mixture | Humiseal UV500        |
| Registration number                      | -                     |
| Synonyms                                 | None.                 |
| Product code                             | HumiSeal Europe UV500 |
| Issue date                               | 10-June-2015          |
| Version number                           | 03                    |
| Revision date                            | 01-February-2018      |
| Supersedes date                          | 13-November-2017      |

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

|                      |  |
|----------------------|--|
| Identified uses      | Protective Coating for Printed Circuit Board |
| Uses advised against | None known.                                  |

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

##### Supplier

|                |  |                     |
|----------------|--|---------------------|
| Company name   | HUMISEAL EUROPE LTD.   |                     |
| Address        | 505 Eskdale Road<br>Winnersh<br>Wokingham Berkshire RG41 5TU<br>UK |                     |
| Division       | A CHASE CORPORATION COMPANY  |                     |
| Telephone      | General Assistance   | 44 (0) 118 944 2333 |
| e-mail         | europetechsupport@chasecorp.com                                    |                     |
| Contact person | Not available.   |                     |

|                                 |              |                 |
|---------------------------------|--------------|-----------------|
| 1.4. Emergency telephone number | Chemtrec USA | 1-800-424-9300  |
|                                 | OutSide USA  | +1 703-741-5970 |

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

#### Classification according to Regulation (EC) No 1272/2008 as amended

##### Health hazards

|  |   |  |
|--|---|--|
| Skin corrosion/irritation                        | Category 2                              | H315 - Causes skin irritation.           |
| Serious eye damage/eye irritation                | Category 2                              | H319 - Causes serious eye irritation.    |
| Specific target organ toxicity - single exposure | Category 3 respiratory tract irritation | H335 - May cause respiratory irritation. |

##### Environmental hazards

|  |            |   |
|--|------------|---|
| Hazardous to the aquatic environment, long-term aquatic hazard | Category 2 | H411 - Toxic to aquatic life with long lasting effects. |
|--|------------|---|

**Hazard summary** Causes serious eye irritation. Causes skin irritation. May cause irritation to the respiratory system. Prolonged exposure may cause chronic effects. Dangerous for the environment if discharged into watercourses.

## 2.2. Label elements

### Label according to Regulation (EC) No. 1272/2008 as amended

Contains: ISO-OCTYL ACRYLATE

#### Hazard pictograms



#### Signal word

Warning

#### Hazard statements

H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H411 Toxic to aquatic life with long lasting effects.

#### Precautionary statements

##### Prevention

P261 Avoid breathing mist or vapour.  
P264 Wash thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P273 Avoid release to the environment.  
P280 Wear eye protection/face protection.  
P280 Wear protective gloves.

##### Response

P302 + P352 IF ON SKIN: Wash with plenty of water.  
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305 + P351 + P338 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 CENTRE/doctor if you feel unwell.  
P332 + P313 If skin irritation occurs: Get medical advice/attention.  
P337 + P313 If eye irritation persists: Get medical advice/attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.  
P391 Collect spillage.

##### Storage

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
P405 Store locked up.

##### Disposal

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

#### Supplemental label information

93.28 % of the mixture consists of component(s) of unknown acute oral toxicity. 93.28 % of the mixture consists of component(s) of unknown acute dermal toxicity. 93.28 % of the mixture consists of component(s) of unknown acute inhalation toxicity. 68.58 % of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 68.58 % of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment. EUH208 - Contains Tosyl isocyanate, Trimethylolpropane triacrylate. May produce an allergic reaction.

#### 2.3. Other hazards

Not a PBT or vPvB substance or mixture.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### General information

| Chemical name                                       | %         | CAS-No. / EC No.        | REACH Registration No. | INDEX No.    | Notes  |
|---|-----------|-------------------------|------------------------|--------------|--|
| ISO-OCTYL ACRYLATE                                  | 20 - < 30 | 29590-42-9<br>249-707-8 | 01-2119486988-09-XXXX  | 607-244-00-2 | <b>Classification:</b> Skin Irrit. 2;H315, Eye Irrit. 2;H319, STOT SE 3;H335, Aquatic Acute 1;H400, Aquatic Chronic 1;H410 |
| Diphenyl(2,4,6-trimethylbenzoyl)phos<br>phine Oxide | < 1       | 75980-60-8<br>278-355-8 | 01-2119972295-29-xxxx  | 015-203-00-X | <b>Classification:</b> Skin Sens. 1B;H317, Repr. 2;H361, Aquatic Chronic 2;H411  |
| Tosyl isocyanate                                    | < 1       | 4083-64-1<br>223-810-8  | 01-211990050-47-XXXX   | 615-012-00-7 | <b>Classification:</b> Skin Irrit. 2;H315, Eye Irrit. 2;H319, Resp. Sens. 1;H334, STOT SE 3;H335                           |

| Chemical name                  | %  | CAS-No. / EC No.        | REACH Registration No. | INDEX No.    | Notes |
|--------------------------------|--|-------------------------|------------------------|--------------|-------|
| Trimethylolpropane triacrylate | < 1  | 15625-89-5<br>239-701-3 | 01-2119489896-11-XXXX  | 607-111-00-9 |       |
| <b>Classification:</b>         | Skin Irrit. 2;H315, Skin Sens. 1;H317, Eye Irrit. 2;H319 |                         |                        |              | D     |

Other components below reportable levels 70 - < 80

#### List of abbreviations and symbols that may be used above

#: This substance has been assigned Union workplace exposure limit(s).

M: M-factor

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Composition comments** The full text for all H-statements is displayed in section 16.

## SECTION 4: First aid measures

### General information

If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

### 4.1. Description of first aid measures

#### Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell.

#### Skin contact

Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

#### Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

#### Ingestion

Rinse mouth. Get medical attention if symptoms occur.

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

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin irritation. May cause redness and pain.

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

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

## SECTION 5: Firefighting measures

### General fire hazards

No unusual fire or explosion hazards noted.

### 5.1. Extinguishing media

#### Suitable extinguishing media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

#### Unsuitable extinguishing media

Water. Do not use water jet as an extinguisher, as this will spread the fire.

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

During fire, gases hazardous to health may be formed.

### 5.3. Advice for firefighters

#### Special protective equipment for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

#### Special fire fighting procedures

Move containers from fire area if you can do so without risk.

### Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapour. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

#### For emergency responders

Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

### 6.2. Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

This product is miscible in water. Prevent entry into waterways, sewer, basements or confined areas.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use.

### 6.4. Reference to other sections

For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid breathing mist or vapour. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

### 7.2. Conditions for safe storage, including any incompatibilities

Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

### 7.3. Specific end use(s)

Not available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

No exposure limits noted for ingredient(s).

#### Biological limit values

No biological exposure limits noted for the ingredient(s).

#### Recommended monitoring procedures

Follow standard monitoring procedures.

#### Derived no effect levels (DNELs)

Not available.

#### Predicted no effect concentrations (PNECs)

Not available.

### 8.2. Exposure controls

#### Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station. Eye wash fountain and emergency showers are recommended.

#### Individual protection measures, such as personal protective equipment

##### General information

Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

##### Eye/face protection

Chemical respirator with organic vapour cartridge and full facepiece.

##### Skin protection

##### - Hand protection

Wear appropriate chemical resistant gloves.

##### - Other

Wear appropriate chemical resistant clothing.

##### Respiratory protection

Chemical respirator with organic vapour cartridge and full facepiece.

##### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

#### Hygiene measures

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

#### Environmental exposure controls

Inform appropriate managerial or supervisory personnel of all environmental releases.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

##### Physical state

Liquid.

##### Form

Liquid.

##### Colour

Light yellow.

#### Odour

Mild.

|   |                               |
|---|-------------------------------|
| <b>Odour threshold</b>                              | Not available.                |
| <b>pH</b>   | Does not apply.               |
| <b>Melting point/freezing point</b>                 | Not available.                |
| <b>Initial boiling point and boiling range</b>      | Not available.                |
| <b>Flash point</b>                                  | Not available.                |
| <b>Evaporation rate</b>                             | Not available.                |
| <b>Flammability (solid, gas)</b>                    | Not applicable.               |
| <b>Upper/lower flammability or explosive limits</b> |                               |
| <b>Flammability limit - lower (%)</b>               | Not available.                |
| <b>Flammability limit - upper (%)</b>               | Not available.                |
| <b>Vapour pressure</b>                              | 0.13 hPa estimated            |
| <b>Vapour density</b>                               | Not available.                |
| <b>Relative density</b>                             | Not available.                |
| <b>Solubility(ies)</b>                              |                               |
| <b>Solubility (water)</b>                           | Negligible                    |
| <b>Partition coefficient (n-octanol/water)</b>      | Not available.                |
| <b>Auto-ignition temperature</b>                    | Not available.                |
| <b>Decomposition temperature</b>                    | Not available.                |
| <b>Viscosity</b>                                    | 275 - 375 cP                  |
| <b>Explosive properties</b>                         | Not explosive.                |
| <b>Oxidising properties</b>                         | Not oxidising.                |
| <b>9.2. Other information</b>                       |                               |
| <b>Brookfield viscosity</b>                         | 275 - 375 cP                  |
| <b>Density</b>                                      | 1.00 - 1.10 g/cm <sup>3</sup> |
| <b>Miscible (water)</b>                             | Negligible                    |
| <b>Percent volatile</b>                             | 0.02 % estimated              |
| <b>Specific gravity</b>                             | 1 - 1.1                       |
| <b>VOC</b>  | 0.26 % estimated              |

## SECTION 10: Stability and reactivity

|   |   |
|---|---|
| <b>10.1. Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| <b>10.2. Chemical stability</b>                 | Material is stable under normal conditions.   |
| <b>10.3. Possibility of hazardous reactions</b> | No dangerous reaction known under conditions of normal use.                                   |
| <b>10.4. Conditions to avoid</b>                | Contact with incompatible materials.  |
| <b>10.5. Incompatible materials</b>             | Strong oxidising agents.  |
| <b>10.6. Hazardous decomposition products</b>   | No hazardous decomposition products are known.  |

## SECTION 11: Toxicological information

|   |  |
|---|--|
| <b>General information</b>                        | Occupational exposure to the substance or mixture may cause adverse effects.   |
| <b>Information on likely routes of exposure</b>   |  |
| <b>Inhalation</b>                                 | May cause irritation to the respiratory system. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged inhalation may be harmful.                      |
| <b>Skin contact</b>                               | Causes skin irritation. May cause an allergic skin reaction.   |
| <b>Eye contact</b>                                | Causes serious eye irritation.   |
| <b>Ingestion</b>                                  | May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.  |
| <b>Symptoms</b>                                   | Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin irritation. May cause redness and pain. |
| <b>11.1. Information on toxicological effects</b> |  |
| <b>Acute toxicity</b>                             | Not known.   |

|   |   |
|---|---|
| <b>Skin corrosion/irritation</b>                          | Causes skin irritation.   |
| <b>Serious eye damage/eye irritation</b>                  | Causes serious eye irritation.  |
| <b>Respiratory sensitisation</b>                          | Due to partial or complete lack of data the classification is not possible. |
| <b>Skin sensitisation</b>                                 | Due to partial or complete lack of data the classification is not possible. |
| <b>Germ cell mutagenicity</b>                             | Due to partial or complete lack of data the classification is not possible. |
| <b>Carcinogenicity</b>                                    | Risk of cancer cannot be excluded with prolonged exposure.                  |
| <b>Reproductive toxicity</b>                              | Due to partial or complete lack of data the classification is not possible. |
| <b>Specific target organ toxicity - single exposure</b>   | May cause respiratory irritation.   |
| <b>Specific target organ toxicity - repeated exposure</b> | Due to partial or complete lack of data the classification is not possible. |
| <b>Aspiration hazard</b>                                  | Due to partial or complete lack of data the classification is not possible. |
| <b>Mixture versus substance information</b>               | No information available.   |
| <b>Other information</b>                                  | May cause allergic respiratory and skin reactions.                          |

## SECTION 12: Ecological information

|   |   |
|---|---|
| <b>12.1. Toxicity</b>   | Toxic to aquatic life with long lasting effects. Based on available data, the classification criteria are not met for hazardous to the aquatic environment, acute hazard.               |
| <b>12.2. Persistence and degradability</b>                        |   |
| <b>12.3. Bioaccumulative potential</b>                            |   |
| <b>Partition coefficient n-octanol/water (log K<sub>ow</sub>)</b> | Not available.  |
| <b>Bioconcentration factor (BCF)</b>                              | Not available.  |
| <b>12.4. Mobility in soil</b>                                     | No data available.  |
| <b>12.5. Results of PBT and vPvB assessment</b>                   | Not a PBT or vPvB substance or mixture.   |
| <b>12.6. Other adverse effects</b>                                | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. |

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                                     |  |
|-------------------------------------|--|
| <b>Residual waste</b>               | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).   |
| <b>Contaminated packaging</b>       | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.   |
| <b>EU waste code</b>                | The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.   |
| <b>Disposal methods/information</b> | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. |
| <b>Special precautions</b>          | Dispose in accordance with all applicable regulations.   |

## SECTION 14: Transport information

### ADR

|   |  |
|---|--|
| <b>14.1. UN number</b>                  | UN3082   |
| <b>14.2. UN proper shipping name</b>    | Environmentally hazardous substance, liquid, n.o.s. (ISO-OCTYL ACRYLATE) |
| <b>14.3. Transport hazard class(es)</b> |  |
| <b>Class</b>                            | 9  |
| <b>Subsidiary risk</b>                  | -  |
| <b>Label(s)</b>                         | 9  |
| <b>Hazard No. (ADR)</b>                 | 90   |
| <b>Tunnel restriction code</b>          | E  |
| <b>14.4. Packing group</b>              | III  |
| <b>14.5. Environmental hazards</b>      | Yes  |

**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**RID**

**14.1. UN number** UN3082  
**14.2. UN proper shipping name** Environmentally hazardous substance, liquid, n.o.s. (ISO-OCTYL ACRYLATE)  
**14.3. Transport hazard class(es)**  
    **Class** 9  
    **Subsidiary risk** -  
    **Label(s)** 9  
**14.4. Packing group** III  
**14.5. Environmental hazards** Yes  
**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**ADN**

**14.1. UN number** UN3082  
**14.2. UN proper shipping name** Environmentally Hazardous Liquid, N.o.s. (ISO-OCTYL ACRYLATE)  
**14.3. Transport hazard class(es)**  
    **Class** 9  
    **Subsidiary risk** -  
    **Label(s)** 9  
**14.4. Packing group** III  
**14.5. Environmental hazards** Yes  
**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**IATA**

**14.1. UN number** UN3082  
**14.2. UN proper shipping name** Environmentally hazardous substance, liquid, n.o.s. (ISO-OCTYL ACRYLATE)  
**14.3. Transport hazard class(es)**  
    **Class** 9  
    **Subsidiary risk** -  
**14.4. Packing group** III  
**14.5. Environmental hazards** Yes  
**ERG Code** 9L  
**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**Other information**

**Passenger and cargo aircraft** Allowed with restrictions.  
**Cargo aircraft only** Allowed with restrictions.

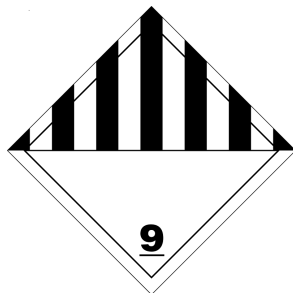
**IMDG**

**14.1. UN number** UN3082  
**14.2. UN proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ISO-OCTYL ACRYLATE), MARINE POLLUTANT  
**14.3. Transport hazard class(es)**  
    **Class** 9  
    **Subsidiary risk** -  
**14.4. Packing group** III  
**14.5. Environmental hazards**  
    **Marine pollutant** Yes  
**EmS** F-A, S-F  
**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

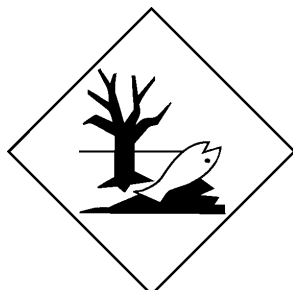
RAHN GENOCURE LTM  
BENZOPHENONE LPB

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code** Not established.

ADN; ADR; IATA; IMDG; RID



Marine pollutant



General information

IMDG Regulated Marine Pollutant.

## SECTION 15: Regulatory information

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

#### EU regulations

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended**

Not listed.

**Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended**

Not listed.

**Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended**

Not listed.

**Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA**

Not listed.

#### Authorisations

**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended**

Not listed.

#### Restrictions on use

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended**

Not listed.

**Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.**

Not listed.

#### Other EU regulations

**Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended**

ISO-OCTYL ACRYLATE (CAS 29590-42-9)

Tosyl isocyanate (CAS 4083-64-1)

#### Other regulations

Pregnant women should not work with the product, if there is the least risk of exposure. The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended. Additional information is given in the Safety Data Sheet.



**National regulations** Follow national regulation for work with chemical agents. Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work, as amended.

**15.2. Chemical safety assessment** No Chemical Safety Assessment has been carried out.

## **SECTION 16: Other information**

**List of abbreviations** Not available.

**References** Not available.

**Information on evaluation method leading to the classification of mixture** The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

**Full text of any H-statements not written out in full under Sections 2 to 15**

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H335 May cause respiratory irritation.  
H361 Suspected of damaging fertility or the unborn child.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H411 Toxic to aquatic life with long lasting effects.

**Revision information** Composition / Information on Ingredients: Ingredient Classification  
SECTION 8: Exposure controls/personal protection: Respiratory protection

**Training information** Follow training instructions when handling this material.

**Disclaimer** The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create any warranty, expressed or implied. It is the responsibility of the user to determine the applicability of this information and the suitability of the material or product for any particular purpose