

**UV Adhesive VERIFIX B 665-0**

Revision date: 04/28/2022

Product code: BO5209300

Page 1 of 11

**1. Identification****Product identifier**

UV Adhesive VERIFIX B 665-0

**Further trade names**

BO 5209327, 20 g  
BO 5209300, 100 g  
BO 5209321, 250 g  
BO 5209324, 1000 g

**Recommended use of the chemical and restrictions on use****Use of the substance/mixture**

adhesives

**Details of the supplier of the safety data sheet****Manufacturer**

|                         |                   |                              |
|-------------------------|-------------------|------------------------------|
| Company name:           | BOHLE AG          |                              |
| Street:                 | Dieselstr. 10     |                              |
| Place:                  | 42781 Haan        |                              |
| Telephone:              | +49 2129 5568-0   | Telefax: +49 2129 5568-282   |
| e-mail:                 | info@bohle.de     |                              |
| Contact person:         | Dr. Martin Schade | Telephone: +49 2129 5568-300 |
| e-mail:                 | MSDS@bohle.de     |                              |
| Internet:               | www.bohle.com     |                              |
| Responsible Department: | Chemie            |                              |

**Trader of the product**

|                          |                                 |
|--------------------------|---------------------------------|
| Company name:            | Bohle America, Inc.             |
| Street:                  | 10924 Granite Street, Suite 200 |
| Place:                   | USA-NC 28273 Charlotte          |
| e-mail (Contact person): | sales@bohle.com                 |

**Emergency phone number:** Emergency CONTACT (24-Hour-Number):GBK GmbH +49 (0)6132-84463**2. Hazard(s) identification****Classification of the chemical****Regulation (EC) No 1272/2008**

Skin Irrit. 2; H315  
Eye Dam. 1; H318  
Skin Sens. 1; H317  
STOT SE 3; H335  
Aquatic Acute 1; H400  
Aquatic Chronic 1; H410

Full text of hazard statements: see SECTION 16.

**Label elements****Regulation (EC) No 1272/2008****Hazard components for labelling**

2-hydroxyethyl methacrylate  
Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate  
acrylic acid, prop-2-enoic acid  
maleic acid  
tert-butyl perbenzoate  
3-methoxysilylpropyl methacrylate

**UV Adhesive VERIFIX B 665-0**

Revision date: 04/28/2022

Product code: BO5209300

Page 2 of 11

**Signal word:** Danger

**Pictograms:**



**Hazard statements**

- H315 Causes skin irritation
- H318 Causes serious eye damage
- H317 May cause an allergic skin reaction
- H335 May cause respiratory irritation
- H412 Harmful to aquatic life with long lasting effects

**Precautionary statements**

- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 Immediately call a poison center/doctor.
- P333+P317 If skin irritation or rash occurs: Get medical help.

**3. Composition/information on ingredients**

**Mixtures**

**Chemical characterization**

Methacrylate/Acrylate resin(s).

**UV Adhesive VERIFIX B 665-0**

Revision date: 04/28/2022

Product code: BO5209300

Page 3 of 11

**Hazardous components**

| CAS No    | Components  |              |                  | Quantity    |
|-----------|---|--------------|------------------|-------------|
|           | EC No   | Index No     | REACH No         |             |
|           | Classification (Regulation (EC) No 1272/2008)   |              |                  |             |
| 868-77-9  | 2-hydroxyethyl methacrylate   |              |                  | 35 - < 40 % |
|           | 212-782-2   | 607-124-00-X | 01-2119490169-29 |             |
|           | Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1; H315 H319 H317   |              |                  |             |
| 5888-33-5 | Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate   |              |                  | 35 - < 40 % |
|           | 227-561-6   |              | 01-2119957862-25 |             |
|           | Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, STOT SE 3, Aquatic Acute 1, Aquatic Chronic 1; H315 H319 H317 H335 H400 H410     |              |                  |             |
| 79-10-7   | acrylic acid, prop-2-enoic acid   |              |                  | 1 - < 5 %   |
|           | 201-177-9   | 607-061-00-8 | 01-2119452449-31 |             |
|           | Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Skin Corr. 1A, Aquatic Acute 1; H226 H332 H312 H302 H314 H400       |              |                  |             |
| 110-16-7  | maleic acid   |              |                  | 1 - < 5 %   |
|           | 203-742-5   | 607-095-00-3 | 01-2119488705-25 |             |
|           | Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, STOT SE 3; H302 H315 H319 H317 H335                                |              |                  |             |
| 614-45-9  | tert-butyl perbenzoate  |              |                  | 1 - < 5 %   |
|           | 210-382-2   |              | 01-2119513317-46 |             |
|           | Org. Perox. C, Acute Tox. 4, Skin Irrit. 2, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 3; H242 H332 H315 H317 H400 H412 |              |                  |             |
| 2530-85-0 | 3-methoxysilylpropyl methacrylate   |              |                  | < 1 %       |
|           | 219-785-8   |              | 01-2119513216-50 |             |
|           | Skin Sens. 1; H317  |              |                  |             |

Full text of H and EUH statements: see section 16.

**Specific Conc. Limits, M-factors and ATE**

| CAS No    | EC No  | Components  | Quantity |
|-----------|--|---|----------|
|           | Specific Conc. Limits, M-factors and ATE   |   |          |
| 868-77-9  | 212-782-2  | 2-hydroxyethyl methacrylate                         | 39 %     |
|           | dermal: LD50 = >5000 mg/kg; oral: LD50 = 5050 mg/kg  |   |          |
| 5888-33-5 | 227-561-6  | Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate | 39 %     |
|           | dermal: LD50 = >5000 mg/kg; oral: LD50 = >5000 mg/kg M acute; H400: M=1<br>M chron.; H410: M=1   |   |          |
| 79-10-7   | 201-177-9  | acrylic acid, prop-2-enoic acid                     | 4.9 %    |
|           | inhalation: LC50 = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = 1100 mg/kg; oral: LD50 = 500 mg/kg STOT SE 3; H335: >= 1 - 100<br>M acute; H400: M=1 |   |          |
| 110-16-7  | 203-742-5  | maleic acid   | 2.9 %    |
|           | dermal: LD50 = 1560 mg/kg; oral: LD50 = 1090 mg/kg Skin Sens. 1; H317: >= 0,1 - 100  |   |          |
| 614-45-9  | 210-382-2  | tert-butyl perbenzoate                              | 2.9 %    |
|           | inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = 3817 mg/kg; oral: LD50 = 4838 mg/kg   |   |          |
| 2530-85-0 | 219-785-8  | 3-methoxysilylpropyl methacrylate                   | 0.9 %    |
|           | oral: LD50 = >5000 mg/kg   |   |          |

**4. First-aid measures**
**Description of first aid measures**

**UV Adhesive VERIFIX B 665-0**

Revision date: 04/28/2022

Product code: BO5209300

Page 4 of 11

**General information**

First aider: Pay attention to self-protection!  
Get medical advice/attention if you feel unwell.

**After inhalation**

Remove casualty to fresh air and keep warm and at rest. If symptoms persist, call a physician.

**After contact with skin**

Take off contaminated clothing and wash it before reuse. After contact with skin, wash immediately with plenty of water and soap. When in doubt or if symptoms are observed, get medical advice.

**After contact with eyes**

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

**After ingestion**

Do not induce vomiting. Immediately give large quantities of water to drink. Call a physician immediately.

**Most important symptoms and effects, both acute and delayed**

Inhalation: Irritation to respiratory tract  
Skin contact : May cause an allergic skin reaction.  
Eye contact : Causes serious eye damage.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**5. Fire-fighting measures****Extinguishing media****Suitable extinguishing media**

Water spray jet, Extinguishing powder, Foam, Carbon dioxide (CO<sub>2</sub>)

**Unsuitable extinguishing media**

Full water jet

**Specific hazards arising from the chemical**

Burning produces irritant fumes. Carbon monoxide, Carbon dioxide, Hydrocarbons, Nitrogen oxides (NO<sub>x</sub>)

**Special protective equipment and precautions for fire-fighters**

Standard procedure for chemical fires.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
In the event of fire, wear self-contained breathing apparatus.

**6. Accidental release measures****Personal precautions, protective equipment and emergency procedures****General advice**

Wear personal protection equipment (refer to section 8).  
Provide adequate ventilation.

**Environmental precautions**

Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.  
Local authorities should be advised if significant spillages cannot be contained.

**Methods and material for containment and cleaning up****Other information**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal. Ensure adequate ventilation.

**Reference to other sections**

Personal protection equipment (PPE): see section 8  
Disposal: see section 13

**UV Adhesive VERIFIX B 665-0**

Revision date: 04/28/2022

Product code: BO5209300

Page 5 of 11

**7. Handling and storage**
**Precautions for safe handling**
**Advice on safe handling**

Avoid contact with skin and eyes.  
Do not eat, drink or smoke when using this product.  
Ensure adequate ventilation.

**Advice on protection against fire and explosion**

No special technical protective measures required.

**Advice on general occupational hygiene**

Wash hands before breaks and after work. When using do not eat, drink or smoke.  
Take off immediately all contaminated clothing and wash it before reuse. Draw up and observe skin protection programme.

**Further information on handling**

Avoid: UV-radiation/sunlight

**Conditions for safe storage, including any incompatibilities**
**Requirements for storage rooms and vessels**

Keep only in the original container in a cool, well-ventilated place.  
Keep container tightly closed. Keep locked up.  
Recommended storage temperature 5 - 25°C. Keep away from direct sunlight.

**Specific end use(s)**

adhesive

**8. Exposure controls/personal protection**
**Control parameters**
**Exposure limits**

| CAS No. | Substance    | ppm | mg/m <sup>3</sup> | f/cc | Category  | Origin |
|---------|--------------|-----|-------------------|------|-----------|--------|
| 79-10-7 | Acrylic acid | 2   | 6                 |      | TWA (8 h) | REL    |

**DNEL/DMEL values**

| CAS No.   | Substance   | Exposure route | Effect   | Value                |
|-----------|---|----------------|----------|----------------------|
| 5888-33-5 | Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate | dermal         | systemic | 1,39 mg/kg bw/day    |
| 79-10-7   | acrylic acid, prop-2-enoic acid                     | inhalation     | systemic | 30 mg/m <sup>3</sup> |
|           | Worker DNEL, long-term                              | inhalation     | systemic | 30 mg/m <sup>3</sup> |
|           | Worker DNEL, acute                                  | inhalation     | local    | 30 mg/m <sup>3</sup> |
|           | Worker DNEL, long-term                              | inhalation     | local    | 30 mg/m <sup>3</sup> |
|           | Worker DNEL, acute                                  | inhalation     | local    | 30 mg/m <sup>3</sup> |

**UV Adhesive VERIFIX B 665-0**

Revision date: 04/28/2022

Product code: BO5209300

Page 6 of 11

**PNEC values**

| CAS No.  | Substance   | Value         |
|--|---|---------------|
| Environmental compartment                        |   |               |
| 5888-33-5  | Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate |               |
| Freshwater                                       |   | 0,00092 mg/l  |
| Marine water                                     |   | 0,000092 mg/l |
| Freshwater sediment                              |   | 0,145 mg/kg   |
| Marine sediment                                  |   | 0,0145 mg/kg  |
| Micro-organisms in sewage treatment plants (STP) |   | 2 mg/l        |
| Soil   |   | 0,0285 mg/kg  |
| 79-10-7  | acrylic acid, prop-2-enoic acid                     |               |
| Freshwater                                       |   | 0,003 mg/l    |
| Freshwater (intermittent releases)               |   | 0,0013 mg/l   |
| Marine water                                     |   | 0,0003 mg/l   |
| Freshwater sediment                              |   | 0,0236 mg/kg  |
| Marine sediment                                  |   | 0,00234 mg/kg |

**Exposure controls**

**Appropriate engineering controls**

- Provide sufficient air exchange and/or exhaust in work rooms.
- Do not breathe vapour. To follow: Occupational exposure limit values

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

**Eye/face protection**

safety glasses with side-shields conforming to EN166

**Hand protection**

The selected protective gloves have to satisfy the specifications of EU Directive 89/689/EEC and the standard EN 374 derived from it.  
 Recommended material: NBR (Nitrile rubber), VITON  
 Unsuitable material: Natural fibres (e.g. cotton)

**Skin protection**

Wear suitable protective clothing.

**Respiratory protection**

Usually no personal respiratory protection necessary. When using do not eat, drink or smoke.  
 In case of inadequate ventilation wear respiratory protection. Full-/half-/quarter-face masks (EN 136/140)  
 Respirator with filter for organic vapour. Recommended Filter type: A (P2)

**9. Physical and chemical properties**

**Information on basic physical and chemical properties**

Physical state: Liquid  
 Color: colorless  
 Odor: characteristic

**Test method**

**Changes in the physical state**

Flash point: 101 °C

**Explosive properties**

None.

pH-Value (at 21 °C): 2 5% emulsion

**UV Adhesive VERIFIX B 665-0**

Revision date: 04/28/2022

Product code: BO5209300

Page 7 of 11

Viscosity / dynamic:  
(at 20 °C) 55 mPa·s

Water solubility: practically insoluble

**Other information****Other safety characteristics**

Solvent content: 0%

**Further Information****10. Stability and reactivity****Reactivity**

Light / UV-radiation/sunlight  
Oxidizing agent, strong

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

No known hazardous reactions.

**Conditions to avoid**

Keep cool. Protect from sunlight. Heat, flames and sparks.  
In case of light influence: Polymerisation

**Incompatible materials**

Reducing agent, strong. Oxidizing agent, strong  
strong acids and strong bases

**Hazardous decomposition products**

No decomposition if stored and applied as directed.  
Thermal decomposition can lead to the escape of irritating gases and vapors. Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>), Hydrocarbons

**11. Toxicological information****Information on toxicological effects**

**UV Adhesive VERIFIX B 665-0**

Revision date: 04/28/2022

Product code: BO5209300

Page 8 of 11

**Acute toxicity**

| CAS No    | Components  |               |          |        |          |
|-----------|---|---------------|----------|--------|----------|
|           | Exposure route                                      | Dose          | Species  | Source | Method   |
| 868-77-9  | 2-hydroxyethyl methacrylate                         |               |          |        |          |
|           | oral  | LD50<br>mg/kg | 5050     | Rat    |          |
|           | dermal  | LD50<br>mg/kg | >5000    | Rabbit |          |
| 5888-33-5 | Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate |               |          |        |          |
|           | oral  | LD50<br>mg/kg | >5000    | Rat    |          |
|           | dermal  | LD50<br>mg/kg | >5000    | Rabbit |          |
| 79-10-7   | acrylic acid, prop-2-enoic acid                     |               |          |        |          |
|           | oral  | LD50<br>mg/kg | 500      | Rat    |          |
|           | dermal  | LD50<br>mg/kg | 1100     | Rat    |          |
|           | inhalation (4 h) vapour                             | LC50          | 11 mg/l  | Rat    |          |
|           | inhalation dust/mist                                | ATE           | 1,5 mg/l |        |          |
| 110-16-7  | maleic acid   |               |          |        |          |
|           | oral  | LD50<br>mg/kg | 1090     | Rat    | OECD 401 |
|           | dermal  | LD50<br>mg/kg | 1560     | Rabbit |          |
| 614-45-9  | tert-butyl perbenzoate                              |               |          |        |          |
|           | oral  | LD50<br>mg/kg | 4838     | Rat    |          |
|           | dermal  | LD50<br>mg/kg | 3817     | Rabbit |          |
|           | inhalation vapour                                   | ATE           | 11 mg/l  |        |          |
|           | inhalation dust/mist                                | ATE           | 1,5 mg/l |        |          |
| 2530-85-0 | 3-methoxysilylpropyl methacrylate                   |               |          |        |          |
|           | oral  | LD50<br>mg/kg | >5000    | Rat    |          |

**12. Ecological information**



**UV Adhesive VERIFIX B 665-0**

Revision date: 04/28/2022

Product code: BO5209300

Page 9 of 11

| CAS No    | Components  |                  |           |                                     |          |        |
|-----------|---|------------------|-----------|-------------------------------------|----------|--------|
|           | Aquatic toxicity                                    | Dose             | [h]   [d] | Species                             | Source   | Method |
| 868-77-9  | 2-hydroxyethyl methacrylate                         |                  |           |                                     |          |        |
|           | Acute fish toxicity                                 | LC50 227 mg/l    | 96 h      | Pimephales promelas                 |          |        |
| 5888-33-5 | Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate |                  |           |                                     |          |        |
|           | Acute fish toxicity                                 | LC50 0,704 mg/l  | 96 h      | Danio rerio (zebrafish)             | OECD 203 |        |
|           | Crustacea toxicity                                  | NOEC 0,092 mg/l  | 21 d      | Daphnia magna (Big water flea)      |          |        |
| 110-16-7  | maleic acid   |                  |           |                                     |          |        |
|           | Acute fish toxicity                                 | LC50 75 mg/l     | 96 h      | Oncorhynchus mykiss (Rainbow trout) |          |        |
|           | Acute algae toxicity                                | ErC50 74,35 mg/l | 72 h      | Pseudokirchneriella subcapitata     | OECD 201 |        |
|           | Acute crustacea toxicity                            | EC50 42,81 mg/l  | 48 h      | Daphnia magna (Big water flea)      | OECD 202 |        |
| 614-45-9  | tert-butyl perbenzoate                              |                  |           |                                     |          |        |
|           | Acute fish toxicity                                 | LC50 1,6 mg/l    | 96 h      | Danio rerio (zebrafish)             | OECD 203 |        |
|           | Acute algae toxicity                                | ErC50 1,3 mg/l   | 72 h      | Pseudokirchneriella subcapitata     | OECD 201 |        |
|           | Acute crustacea toxicity                            | EC50 11 mg/l     | 48 h      | Daphnia magna (Big water flea)      | OECD 202 |        |
| 2530-85-0 | 3-methoxysilylpropyl methacrylate                   |                  |           |                                     |          |        |
|           | Acute fish toxicity                                 | LC50 >1024 mg/l  | 96 h      | Danio rerio (zebrafish)             |          |        |
|           | Acute algae toxicity                                | ErC50 >536 mg/l  | 72 h      | Scenedesmus subspicatus             |          |        |
|           | Acute crustacea toxicity                            | EC50 >876 mg/l   | 48 h      | Daphnia magna (Big water flea)      |          |        |

| CAS No    | Components   |       |    |        |
|-----------|--|-------|----|--------|
|           | Method   | Value | d  | Source |
|           | Evaluation   |       |    |        |
| 5888-33-5 | Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate        |       |    |        |
|           |  | 57%   | 28 |        |
| 614-45-9  | tert-butyl perbenzoate                                     |       |    |        |
|           | aerob  | 70%   | 28 |        |
|           | Readily biodegradable, according to appropriate OECD test. |       |    |        |
| 2530-85-0 | 3-methoxysilylpropyl methacrylate                          |       |    |        |
|           | aerob  | 69%   | 28 |        |
|           | Readily biodegradable (according to OECD criteria).        |       |    |        |

**Partition coefficient n-octanol/water**

| CAS No    | Components  | Log Pow |
|-----------|---|---------|
| 868-77-9  | 2-hydroxyethyl methacrylate                         | 0,47    |
| 5888-33-5 | Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate | 4,52    |
| 79-10-7   | acrylic acid, prop-2-enoic acid                     | 0,35    |
| 110-16-7  | maleic acid   | -1,3    |
| 614-45-9  | tert-butyl perbenzoate                              | 3       |
| 2530-85-0 | 3-methoxysilylpropyl methacrylate                   | 2,1     |

**UV Adhesive VERIFIX B 665-0**

Revision date: 04/28/2022

Product code: BO5209300

Page 10 of 11

**BCF**

| CAS No   | Components  | BCF | Species | Source |
|----------|-------------|-----|---------|--------|
| 110-16-7 | maleic acid | <10 |         |        |

**Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**13. Disposal considerations**
**Waste treatment methods**
**Disposal recommendations**

Consult the appropriate local waste disposal expert about waste disposal.

**List of Wastes Code - used product**

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

**List of Wastes Code - contaminated packaging**

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

**Contaminated packaging**

Handle contaminated packages in the same way as the substance itself.

**14. Transport information**
**Land transport (ADR/RID)**

**UN number or ID number:** No dangerous good in sense of this transport regulation.  
**UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**Packing group:** No dangerous good in sense of this transport regulation.

**Inland waterways transport (ADN)**

**UN number or ID number:** No dangerous good in sense of this transport regulation.  
**Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**Packing group:** No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)**

**UN number or ID number:** No dangerous good in sense of this transport regulation.  
**Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**Packing group:** No dangerous good in sense of this transport regulation.

**Air transport (ICAO-TI/IATA-DGR)**

**UN number or ID number:** No dangerous good in sense of this transport regulation.  
**Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**Packing group:** No dangerous good in sense of this transport regulation.

**15. Regulatory information**
**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**UV Adhesive VERIFIX B 665-0**

Revision date: 04/28/2022

Product code: BO5209300

Page 11 of 11

**EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

2004/42/EC (VOC): 0 %  
0 g/l

**National regulatory information**

Employment restrictions: Observe employment restrictions for young people.  
Water hazard class (D): 2 - obviously hazardous to water

**Chemical Safety Assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**16. Other information**

**Changes**

This data sheet contains changes from the previous version in section(s): 2,11.

**Classification for mixtures and used evaluation method according to GHS**

| Classification          | Classification procedure |
|-------------------------|--------------------------|
| Skin Irrit. 2; H315     | Calculation method       |
| Eye Dam. 1; H318        | Calculation method       |
| Skin Sens. 1; H317      | Calculation method       |
| STOT SE 3; H335         | Calculation method       |
| Aquatic Acute 1; H400   | Calculation method       |
| Aquatic Chronic 1; H410 | Calculation method       |

**Relevant H statements (full text)**

- H226 Flammable liquid and vapor
- H242 Heating may cause a fire
- H302 Harmful if swallowed
- H312 Harmful in contact with skin
- H314 Causes severe skin burns and eye damage
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H318 Causes serious eye damage
- H319 Causes serious eye irritation
- H332 Harmful if inhaled
- H335 May cause respiratory irritation
- 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

**Other data**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*