Material Safety Data Sheet Cover-Sheet – This page provides additional New Zealand specific information for this product and must be read in conjunction with the Safety Data Sheet (SDS) attached

| | |
|---|---|
| Product Name: | Icon Infiltrant |
| Manufacturer: | DMG Dental-Material Gesellschaft mbH |
| SDS Expiry: | 15 October 2031 |
| Supplier Details: | Healthcare Essentials<br>Level 4/15 College Str<br>Te Aro, Wellington 6011<br>New Zealand<br>www.healthcareessentials.nz |
| Emergency Contacts: | Poisons/Hazardous Chemical Info Centre –<br>0800POISON/0800764766 (24 Hours)<br>Phone 111 for Fire, Ambulance or Police |
| HSNO Class/Category: | 6.5A, 6.4A, 6.5B |
| HSNO Group Standard: | Dental Products Subsidiary Hazard Group Standard 2020 HSR002558 |
| Statements/Pictograms: | As per attached Safety Data Sheet (SDS) |
| Date Prepared: | This coversheet was prepared – October 2026 |

This SDS coversheet has been produced by Healthcare Essentials and has been prepared in accordance with NZ EPA advice on making overseas SDS compliant to HSNO Act. The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or the specifications of the product. Users must satisfy that the product is entirely suitable for their purpose. The SDS and this coversheet may be revised from time to time, please ensure you have a current copy.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

**Icon Infiltrant**



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

### 1.1. Product identifier

Icon Infiltrant

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

**Use of the substance/mixture**

for dental use only

**Uses advised against**

pregnant or breastfeeding people should not work with hazardous substances

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


| | | |
|---|---|---|
| Company name: | DMG Dental-Material Gesellschaft mbH | |
| Street: | Elbgaustr. 248 | |
| Place: | D-22547 Hamburg | |
| Telephone: | +49. (0) 40. 84006-0 | Telefax: +49. (0) 40. 84006-222 |
| E-mail: | info@dmg-dental.com | |
| Internet: | www.dmg-dental.com | |


## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Regulation (EC) No 1272/2008**

Repr. 1B; H360
Eye Irrit. 2; H319
Skin Sens. 1; H317

Full text of hazard statements: see SECTION 16.

### 2.2. Label elements

**Regulation (EC) No 1272/2008**

**Hazard components for labelling**

Triethylene glycol dimethacrylate
trimethylolpropane triacrylate, ethoxylated
2-Ethylhexyl 4-(dimethylamino)benzoate
methyl methacrylate

**Signal word:** Danger

**Pictograms:**



**Hazard statements**

| | |
|---|---|
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H360 | May damage fertility or the unborn child. |

**Precautionary statements**

| | |
|---|---|
| P280 | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. |
| P302+P352 | IF ON SKIN: Wash with plenty of water and soap. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P337+P313 | If eye irritation persists: Get medical advice/attention. |
| P308+P313 | IF exposed or concerned: Get medical advice/attention. |

P405 Store locked up.

**Special labelling**

Contains < 1 % of components with unknown hazards to the aquatic environment.
Restricted to professional users.

**2.3. Other hazards**

No information available.

## SECTION 3: Composition/information on ingredients

**3.2. Mixtures**

**Relevant ingredients**

| CAS No | Chemical name | | | Quantity |
|---|---|---|---|---|
| | EC No | Index No | REACH No | |
| | Classification (Regulation (EC) No 1272/2008) | | | |
| 109-16-0 | Triethylene glycol dimethacrylate | | | 75 - < 80 % |
| | 203-652-6 | | 01-2119969287-21 | |
| | Skin Sens. 1B; H317 | | | |
| 28961-43-5 | trimethylolpropane triacrylate, ethoxylated | | | 15 - < 20 % |
| | 500-066-5 | | 01-2119489900-30 | |
| | Eye Irrit. 2, Skin Sens. 1B, Aquatic Chronic 3; H319 H317 H412 | | | |
| 21245-02-3 | 2-Ethylhexyl 4-(dimethylamino)benzoate | | | < 1 % |
| | 244-289-3 | | 01-2120766649-35 | |
| | Repr. 1B; H360 | | | |
| 80-62-6 | methyl methacrylate | | | < 1 % |
| | 201-297-1 | 607-035-00-6 | 01-2119452498-28 | |
| | Flam. Liq. 2, Skin Irrit. 2, Skin Sens. 1, STOT SE 3; H225 H315 H317 H335 | | | |
| 110-82-7 | cyclohexane | | | < 0.1 % |
| | 203-806-2 | 601-017-00-1 | | |
| | Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1; H225 H315 H336 H304 H400 H410 | | | |

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

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

| CAS No | EC No | Chemical name | Quantity |
|---|---|---|---|
| | Specific Conc. Limits, M-factors and ATE | | |
| 109-16-0 | 203-652-6 | Triethylene glycol dimethacrylate | 75 - < 80 % |
| | dermal: LD50 = >2000 mg/kg; oral: LD50 = >5000 mg/kg | | |
| 28961-43-5 | 500-066-5 | trimethylolpropane triacrylate, ethoxylated | 15 - < 20 % |
| | dermal: LD50 = >13200 mg/kg; oral: LD50 = >2000 mg/kg | | |
| 21245-02-3 | 244-289-3 | 2-Ethylhexyl 4-(dimethylamino)benzoate | < 1 % |
| | oral: LD50 = 14900 mg/kg | | |
| 80-62-6 | 201-297-1 | methyl methacrylate | < 1 % |
| | inhalation: LC50 = 29,8 mg/l (vapours); dermal: LD50 = >5000 mg/kg; oral: LD50 = >5000 mg/kg | | |
| 110-82-7 | 203-806-2 | cyclohexane | < 0.1 % |
| | Aquatic Acute 1; H400: M=1<br>Aquatic Chronic 1; H410: M=1 | | |

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**After inhalation**

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary.

**After contact with eyes**

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

**After ingestion**

Do NOT induce vomiting. Call a physician immediately.

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

No information available.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

**Unsuitable extinguishing media**

Full water jet

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

Non-flammable. Vapours can form explosive mixtures with air.

### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

**Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

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

**General advice**

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

**For cleaning up**

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

### 6.4. Reference to other sections

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Advice on safe handling**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Avoid dust formation. Do not breathe dust.

**Advice on protection against fire and explosion**

No special fire protection measures are necessary.

**Advice on general occupational hygiene**

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary . When using do not eat, drink or smoke.

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

**Requirements for storage rooms and vessels**

Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaustion at critical locations.

**Hints on joint storage**

No special measures are necessary.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Occupational exposure limits**

| CAS No | Substance | ppm | mg/m³ | fib/cm³ | Category | Origin |
|---|---|---|---|---|---|---|
| 128-37-0 | 2,6-Ditertiary-butyl-para-cresol | - | 2 | | TWA (8 h) | |
| 110-82-7 | Cyclohexane | 200 | 700 | | TWA (8 h) | |
| 80-62-6 | Methyl methacrylate | 50 | - | | TWA (8 h) | |
| | | 100 | - | | STEL (15 min) | |

**DNEL/DMEL values**

| CAS No | Substance | | | |
|---|---|---|---|---|
| DNEL type | | Exposure route | Effect | Value |
| 109-16-0 | Triethylene glycol dimethacrylate | | | |
| Worker DNEL, long-term | | inhalation | systemic | 48,5 mg/m³ |
| Worker DNEL, long-term | | dermal | systemic | 13,9 mg/kg bw/day |
| 28961-43-5 | trimethylolpropane triacrylate, ethoxylated | | | |
| Worker DNEL, long-term | | inhalation | systemic | 16,2 mg/m³ |
| Worker DNEL, long-term | | dermal | systemic | 0,8 mg/kg bw/day |
| 80-62-6 | methyl methacrylate | | | |
| Worker DNEL, long-term | | inhalation | local | 208 mg/m³ |
| Worker DNEL, long-term | | dermal | systemic | 13,7 mg/kg bw/day |
| Worker DNEL, long-term | | dermal | local | 1,5 mg/cm² |
| Worker DNEL, acute | | inhalation | local | 416 mg/m³ |
| Worker DNEL, long-term | | inhalation | systemic | 348,4 mg/m³ |
| Worker DNEL, acute | | dermal | local | 1,5 mg/cm² |
| 128-37-0 | butylated hydroxytoluene | | | |
| Worker DNEL, long-term | | inhalation | systemic | 3,5 mg/m³ |
| Worker DNEL, long-term | | dermal | systemic | 0,5 mg/kg bw/day |

**PNEC values**

| CAS No | Substance | |
|---|---|---|
| Environmental compartment | | Value |
| 109-16-0 | Triethylene glycol dimethacrylate | |
| Freshwater | | 0,016 mg/l |
| Marine water | | 0,002 mg/l |
| Freshwater sediment | | 0,002 mg/kg |
| Marine sediment | | 0,185 mg/kg |
| Microorganisms in sewage treatment plants (STP) | | 1,7 mg/l |
| Soil | | 0,027 mg/kg |
| 28961-43-5 | trimethylolpropane triacrylate, ethoxylated | |
| Freshwater | | 0,002 mg/l |
| Marine water | | 0 mg/l |
| Freshwater sediment | | 0,008 mg/kg |
| Marine sediment | | 0,001 mg/kg |
| Microorganisms in sewage treatment plants (STP) | | 10 mg/l |
| Soil | | 0,006 mg/kg |
| 80-62-6 | methyl methacrylate | |
| Freshwater | | 0,94 mg/l |
| Marine water | | 0,094 mg/l |
| Freshwater sediment | | 10,2 mg/kg |
| Marine sediment | | 10,2 mg/kg |
| Microorganisms in sewage treatment plants (STP) | | 10 mg/l |
| Soil | | 1,48 mg/kg |
| 128-37-0 | butylated hydroxytoluene | |
| Freshwater | | 0,000199 mg/l |
| Freshwater (intermittent releases) | | 0,00199 mg/l |
| Marine water | | 0,000199 mg/l |
| Freshwater sediment | | 0,0996 mg/kg |
| Marine sediment | | 0,00996 mg/kg |
| Soil | | 0,04769 mg/kg |

## 8.2. Exposure controls




**Appropriate engineering controls**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

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

**Eye/face protection**

Tightly sealed safety glasses.

**Hand protection**

When handling with chemical substances, protective gloves must be worn with the CE-label including the four

control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

**Skin protection**

Use of protective clothing.

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection.

## SECTION 9: Physical and chemical properties

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

| | |
|---|---|
| Physical state: | liquid |
| Colour: | colourless |
| Odour: | characteristic |
| Melting point/freezing point: | not determined |
| Boiling point or initial boiling point and boiling range: | not determined |
| Flammability: | not determined |
| Lower explosion limits: | not determined |
| Upper explosion limits: | not determined |
| Flash point: | Ingredient : 10 °C |
| Auto-ignition temperature: | not determined |
| Decomposition temperature: | not determined |
| pH-Value: | not determined |
| Water solubility: | The study does not need to be conducted because the substance is known to be insoluble in water. |

Solubility in other solvents

not determined

| | |
|---|---|
| Partition coefficient n-octanol/water: | not determined |
| Vapour pressure: | not determined |
| Density: | not determined |
| Relative vapour density: | not determined |

### 9.2. Other information

**Information with regard to physical hazard classes**

Explosive properties

The product is not: Explosive.

Oxidizing properties

The product is not: oxidising.

**Other safety characteristics**

| | |
|---|---|
| Evaporation rate: | not determined |
| Solid content: | not determined |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

**10.4. Conditions to avoid**

none

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**

No known hazardous decomposition products.

## SECTION 11: Toxicological information

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

**Acute toxicity**

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

**ATEmix calculated**

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

| CAS No | Chemical name | | | | |
|---|---|---|---|---|---|
| | Exposure route | Dose | Species | Source | Method |
| 109-16-0 | Triethylene glycol dimethacrylate | | | | |
| | oral | LD50 >5000 mg/kg | Rat | supplier SDS | |
| | dermal | LD50 >2000 mg/kg | Mouse | supplier SDS | |
| 28961-43-5 | trimethylolpropane triacrylate, ethoxylated | | | | |
| | oral | LD50 >2000 mg/kg | Rat | supplier SDS/ ECHA | |
| | dermal | LD50 >13200 mg/kg | Rabbit | supplier SDS/ ECHA | |
| 21245-02-3 | 2-Ethylhexyl 4-(dimethylamino)benzoate | | | | |
| | oral | LD50 14900 mg/kg | Rat | ECHA | OECD 401 |
| 80-62-6 | methyl methacrylate | | | | |
| | oral | LD50 >5000 mg/kg | Rat | supplier SDS | |
| | dermal | LD50 >5000 mg/kg | Rabbit | supplier SDS | |
| | inhalation (4 h) vapour | LC50 29,8 mg/l | Rat | supplier SDS | |

**Irritation and corrosivity**

Serious eye damage/eye irritation: Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

**Sensitising effects**

May cause an allergic skin reaction. (Triethylene glycol dimethacrylate; trimethylolpropane triacrylate, ethoxylated; methyl methacrylate)

**Carcinogenic/mutagenic/toxic effects for reproduction**

May damage fertility or the unborn child. (2-Ethylhexyl 4-(dimethylamino)benzoate)

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

**STOT-single exposure**

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

**STOT-repeated exposure**

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

**Aspiration hazard**

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

### 11.2. Information on other hazards

**Endocrine disrupting properties**

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

**Further information**

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP]. Special hazards arising from the substance or mixture!

## SECTION 12: Ecological information

### 12.1. Toxicity

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

| CAS No | Chemical name | | | | | | |
|---|---|---|---|---|---|---|---|
| | Aquatic toxicity | Dose | | [h] \| [d] | Species | Source | Method |
| 109-16-0 | Triethylene glycol dimethacrylate | | | | | | |
| | Acute algae toxicity | ErC50 | >100 mg/l | 72 h | Pseudokirchneriella subcapitata | | OECD 201 |
| | Crustacea toxicity | NOEC | 32 mg/l | 21 d | Daphnia magna (Big water flea) | | |
| 28961-43-5 | trimethylolpropane triacrylate, ethoxylated | | | | | | |
| | Acute fish toxicity | LC50 | 1,95 mg/l | 96 h | Brachydanio rerio | supplier SDS/ ECHA | |
| | Acute algae toxicity | ErC50 | 2,2 mg/l | 72 h | Scenedesmus subspicatus | supplier SDS/ ECHA | |
| | Acute crustacea toxicity | EC50 | 70,7 mg/l | 48 h | Daphnia magna (Big water flea) | supplier SDS/ ECHA | |
| | Acute bacteria toxicity | EC50 | >1000 mg/l ( ) | 3 h | Activated sludge | supplier SDS/ ECHA | |
| 80-62-6 | methyl methacrylate | | | | | | |
| | Acute fish toxicity | LC50 | >100 mg/l | 96 h | | supplier SDS | OECD 203 |
| | Acute algae toxicity | ErC50 | 110 mg/l | 72 h | Selenastrum capricornutum | ECHA | |
| | Fish toxicity | NOEC | 9,4 mg/l | | | supplier SDS | OECD 210 |
| | Algae toxicity | NOEC | >110 mg/l | | Selenastrum capricornutum | supplier SDS | OECD 201 |
| | Crustacea toxicity | NOEC | 37 mg/l | | Daphnia magna (Big water flea) | supplier SDS | OECD 202 |

### 12.2. Persistence and degradability

The product has not been tested.

| CAS No | Chemical name | | | |
|---|---|---|---|---|
| | Method | Value | d | Source |
| | Evaluation | | | |
| 109-16-0 | Triethylene glycol dimethacrylate | | | |
| | OECD 301B | 85% | | |
| | Readily biodegradable (according to OECD criteria). | | | |
| 80-62-6 | methyl methacrylate | | | |
| | OECD 301C | 94% | 14 | |
| | Readily biodegradable (according to OECD criteria). | | | |

**12.3. Bioaccumulative potential**

The product has not been tested.

**Partition coefficient n-octanol/water**

| CAS No | Chemical name | Log Pow |
|---|---|---|
| 109-16-0 | Triethylene glycol dimethacrylate | 2,3 |
| 28961-43-5 | trimethylolpropane triacrylate, ethoxylated | 2,89 |
| 21245-02-3 | 2-Ethylhexyl 4-(dimethylamino)benzoate | 6,2 |
| 80-62-6 | methyl methacrylate | 1,38 |

**12.4. Mobility in soil**

The product has not been tested.

**12.5. Results of PBT and vPvB assessment**

Based on available data, the classification criteria are not met.
The product has not been tested.

**12.6. Endocrine disrupting properties**

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

**12.7. Other adverse effects**

No information available.

**Further information**

Avoid release to the environment.

## SECTION 13: Disposal considerations

**13.1. Waste treatment methods**

**Disposal recommendations**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

**List of Wastes Code - residues/unused products**

180106 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (EXCEPT KITCHEN AND RESTAURANT WASTES NOT ARISING FROM IMMEDIATE HEALTH CARE); wastes from natal care, diagnosis, treatment or prevention of disease in humans; chemicals consisting of or containing hazardous substances; hazardous waste

**Contaminated packaging**

Hazardous waste according to Directive 2008/98/EC (waste framework directive). Handle contaminated packages in the same way as the substance itself.

## SECTION 14: Transport information

**Land transport (ADR/RID)**

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

**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)**

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

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

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

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

No dangerous good in sense of this transport regulation.

**14.7. Maritime transport in bulk according to IMO instruments**

No dangerous good in sense of this transport regulation.

## SECTION 15: Regulatory information

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

**EU regulatory information**

Restrictions on use (REACH, annex XVII):
Entry 75

Information according to Directive 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

**National regulatory information**

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.
Water hazard class (D): 1 - slightly hazardous to water
Skin resorption/Sensitization: Causes allergic hypersensitivity reactions.

**15.2. Chemical safety assessment**

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

## SECTION 16: Other information

**Abbreviations and acronyms**

Flam. Liq. 2: Flammable liquids, hazard category 2
Asp. Tox. 1: Aspiration hazard, hazard category 1
Skin Irrit. 2: Skin irritation, hazard category 2
Eye Irrit. 2: Eye irritation, hazard category 2
Skin Sens. 1: Skin sensitisation, hazard category 1
Skin Sens. 1B: Skin sensitisation, hazard category 1B
Repr. 1B: Reproductive toxicity, hazard category 1B
STOT SE 3: Specific target organ toxicity - single exposure, hazard category 3
Aquatic Acute 1: Hazardous to the aquatic environment, hazard category: Acute 1
Aquatic Chronic 1: Hazardous to the aquatic environment, long-term hazard category: Chronic 1
Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard category: Chronic 3
CLP: Classification, labelling and Packaging
REACH: Registration, Evaluation and Authorization of Chemicals
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
UN: United Nations
CAS: Chemical Abstracts Service
DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration
ATE: Acute toxicity estimate
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%
LL50: Lethal loading, 50%
EL50: Effect loading, 50%
EC50: Effective Concentration 50%
ErC50: Effective Concentration 50%, growth rate
NOEC: No Observed Effect Concentration
BCF: Bio-concentration factor
PBT: persistent, bioaccumulative, toxic
vPvB: very persistent, very bioaccumulative
ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road )
RID: Regulations concerning the international carriage of dangerous goods by rail
MARPOL: International Convention for the Prevention of Marine Pollution from Ships
IBC: Intermediate Bulk Container
SVHC: Substance of Very High Concern
For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

**Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]**

| Classification | Classification procedure |
|---|---|
| Repr. 1B; H360 | Calculation method |
| Eye Irrit. 2; H319 | Calculation method |
| Skin Sens. 1; H317 | Calculation method |

**Relevant H and EUH statements (number and full text)**

| | |
|---|---|
| H225 | Highly flammable liquid and vapour. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |
| H360 | May damage fertility or the unborn child. |
| 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. |

**Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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