



**Safety data sheet  
according to 1907/2006/EC, Article 31**

Printing date 22.11.2022

Version number 2 (replaces version 1)

Revision: 22.11.2022

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

· **1.1 Product identifier**

· Trade name: **dima Print Stone beige, dima Print Stone Gray**

· **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.

· Application of the substance / the mixture Manufacture of dental prothesis

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**

Kulzer GmbH

Leipziger Straße 2, 63450 Hanau (Germany) Tel.: +49 (0)800 4372522

· **Informing department:** E-Mail: [msds@kulzer-dental.com](mailto:msds@kulzer-dental.com)

· **1.4 Emergency telephone number:** Emergency CONTACT (24-Hour-Number): +49 (0)6132-84463

**SECTION 2: Hazards identification**

· **2.1 Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008**

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the GB CLP regulation.

· **Hazard pictograms**



GHS05 GHS07 GHS09

· **Signal word** Danger

· **Hazard-determining components of labelling:**

(2,4,6-trioxo-1,3,5-triazinane-1,3,5-triyl)triethylene triacrylate

7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate

(octahydro-4,7-methano-1H-indenyl)methyl acrylate

Tricyclodecane dimethanol diacrylate

phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide

· **Hazard statements**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

· **Precautionary statements**

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

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- **Additional information:**  
Contains isocyanates. May produce an allergic reaction.
- **2.3 Other hazards -**
- **Results of PBT and vPvB assessment**
  - **PBT:** Not applicable.
  - **vPvB:** Not applicable.

**SECTION 3: Composition/information on ingredients**

· **3.2 Mixtures**

· **Description:** -

· **Dangerous components:**

|   |  |           |
|---|--|-----------|
| CAS: 72869-86-4<br>EINECS: 276-957-5<br>Reg.nr.: 01-2120751202-68-xxxx    | 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate<br>-----<br>Aquatic Chronic 2, H411<br>Skin Sens. 1B, H317<br>EUH204    | ≥25-≤50%  |
| CAS: 93962-84-6<br>EC number: 300-723-4<br>Reg.nr.: 01-2120785023-58-xxxx | (octahydro-4,7-methano-1H-indenyl)methyl acrylate<br>-----<br>Aquatic Chronic 2, H411<br>Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317; STOT SE 3, H335 | ≥10-<20%  |
| CAS: 40220-08-4<br>EINECS: 254-843-6<br>Reg.nr.: 01-2120741502-64-xxxx    | (2,4,6-trioxo-1,3,5-triazinane-1,3,5-triyl)triethylene triacrylate<br>-----<br>Eye Dam. 1, H318<br>Aquatic Chronic 2, H411<br>Skin Sens. 1B, H317                      | ≥10-<25%  |
| CAS: 42594-17-2<br>Reg.nr.: 01-2120051112-76-xxxx                         | Tricyclodecane dimethanol diacrylate<br>-----<br>Aquatic Chronic 2, H411<br>Skin Sens. 1B, H317  | ≥5-<25%   |
| CAS: 162881-26-7<br>ELINCS: 423-340-5<br>Reg.nr.: 01-2119489401-38-xxxx   | phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide<br>-----<br>Skin Sens. 1A, H317<br>Aquatic Chronic 4, H413  | ≥1-≤5%    |
| CAS: 131-57-7<br>EINECS: 205-031-5  | Oxybenzone<br>-----<br>Aquatic Acute 1, H400; Aquatic Chronic 2, H411  | ≥0.25-<1% |

· **Additional information** For the wording of the listed hazard phrases refer to section 16.

**SECTION 4: First aid measures**

· **4.1 Description of first aid measures**

- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact**  
Instantly wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.
- **After eye contact**  
Rinse opened eye for several minutes under running water. Then consult doctor.

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

No further relevant information available.

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- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### **SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
  - **Suitable extinguishing agents**  
CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.  
Use fire fighting measures that suit the environment.
- **5.2 Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
  - **Protective equipment:** No special measures required.
  - **Additional information** -

### **SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:** Do not allow to enter drainage system, surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Dispose of the material collected according to regulations.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on disposal.  
-

### **SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
  - **Information about protection against explosions and fires:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
  - **Storage**
    - **Requirements to be met by storerooms and containers:** Protect from the effects of light.
    - **Information about storage in one common storage facility:** Not required.
    - **Further information about storage conditions:** Protect from heat and direct sunlight.
- **7.3 Specific end use(s)** No further relevant information available.

### **SECTION 8: Exposure controls/personal protection**

- **8.1 Control parameters**
  - **Components with critical values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.  
Not required.

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**· DNELs**

**72869-86-4 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate**

|            |   |                           |
|------------|---|---------------------------|
| Oral       | general population, long term, systemic | 0.3 mg/Kg (not defined)   |
| Dermal     | worker industrial, long term, systemic  | 1.3 mg/Kg/d (not defined) |
| Inhalative | general population, long term, systemic | 0.7 mg/Kg/d (not defined) |
|            | worker industrial, long term, systemic  | 3.3 mg/m3 (not defined)   |
|            | general population, long term, systemic | 0.6 mg/m3 (not defined)   |

**40220-08-4 (2,4,6-trioxo-1,3,5-triazinane-1,3,5-triyl)triethylene triacrylate**

|            |   |                            |
|------------|---|----------------------------|
| Oral       | general population, long term, systemic | 0.083 mg/Kg (not defined)  |
| Dermal     | worker industrial, long term, systemic  | 2.3 mg/Kg/d (not defined)  |
| Inhalative | general population, long term, systemic | 0.83 mg/Kg/d (not defined) |
|            | worker industrial, long term, systemic  | 1.65 mg/m3 (not defined)   |
|            | general population, long term, systemic | 0.29 mg/m3 (not defined)   |

**131-57-7 Oxybenzone**

|            |   |                          |
|------------|---|--------------------------|
| Oral       | general population, long term, systemic | 2 mg/Kg (not defined)    |
| Dermal     | worker industrial, long term, systemic  | 39 mg/Kg/d (not defined) |
| Inhalative | general population, long term, systemic | 20 mg/Kg/d (not defined) |
|            | worker industrial, long term, systemic  | 27.7 mg/m3 (not defined) |
|            | general population, long term, systemic | 6.8 mg/m3 (not defined)  |

**· PNECs**

**72869-86-4 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate**

|                                    |                          |
|------------------------------------|--------------------------|
| freshwater                         | 0.01 mg/l (not defined)  |
| marine water                       | 0.001 mg/l (not defined) |
| sewage treatment plant             | 3.61 mg/l (not defined)  |
| sediment, dry weight, freshwater   | 4.56 mg/Kg (not defined) |
| sediment, dry weight, marine water | 0.46 mg/Kg (not defined) |
| soil, dry weight                   | 0.91 mg/Kg (not defined) |

**40220-08-4 (2,4,6-trioxo-1,3,5-triazinane-1,3,5-triyl)triethylene triacrylate**

|                                    |                             |
|------------------------------------|-----------------------------|
| freshwater                         | 0.00943 mg/l (not defined)  |
| marine water                       | 0.000943 mg/l (not defined) |
| sewage treatment plant             | 10 mg/l (not defined)       |
| sediment, dry weight, freshwater   | 0.62 mg/Kg (not defined)    |
| sediment, dry weight, marine water | 0.062 mg/Kg (not defined)   |
| soil, dry weight                   | 0.118 mg/Kg (not defined)   |

**42594-17-2 Tricyclodecane dimethanol diacrylate**

|                                    |                            |
|------------------------------------|----------------------------|
| freshwater                         | 0.0016 mg/l (not defined)  |
| marine water                       | 0.00016 mg/l (not defined) |
| sewage treatment plant             | 10 mg/l (not defined)      |
| sediment, dry weight, freshwater   | 0.6576 mg/Kg (not defined) |
| sediment, dry weight, marine water | 0.0658 mg/Kg (not defined) |
| soil, dry weight                   | 0.1306 mg/Kg (not defined) |

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**131-57-7 Oxybenzone**

|                                    |                             |
|------------------------------------|-----------------------------|
| freshwater                         | 0.00067 mg/l (not defined)  |
| marine water                       | 0.000067 mg/l (not defined) |
| sewage treatment plant             | 10 mg/l (not defined)       |
| sediment, dry weight, freshwater   | 0.066 mg/Kg (not defined)   |
| sediment, dry weight, marine water | 0.007 mg/Kg (not defined)   |
| soil, dry weight                   | 0.013 mg/Kg (not defined)   |

· **Additional information:** The lists that were valid during the compilation were used as basis.

· **8.2 Exposure controls**

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

· **General protective and hygienic measures**

Avoid contact with the eyes.  
Instantly remove any soiled and impregnated garments.  
Wash hands during breaks and at the end of the work.

· **Breathing equipment:** Not required.

· **Hand protection**

If skin contact cannot be avoided, protective gloves are recommended to avoid possible sensitization.

Check protective gloves prior to each use for their proper condition.  
recommended

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**

Butyl rubber, BR  
Nitrile rubber, NBR

· **Eye/face protection** not absolutely necessary

· **Body protection:** Light weight protective clothing

**SECTION 9: Physical and chemical properties**

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Physical state**

Fluid

· **Colour:**

Light brown

Grey

· **Smell:**

Benzen-like

· **Odour threshold:**

Not determined.

· **Melting point/freezing point:**

Not determined

· **Boiling point or initial boiling point and boiling range**

Not determined

· **Flammability**

Not applicable.

· **Lower and upper explosion limit**

· **Lower:**

Not determined.

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|  |  |
|--|--|
| <ul style="list-style-type: none"><li>· <b>Upper:</b> Not determined.</li><li>· <b>Flash point:</b> &gt;100 °C (72869-86-4 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahehexadecane-1,16-diyl bismethacrylate)</li><li>· <b>Decomposition temperature:</b> Not determined.</li><li>· <b>SADT</b></li><li>· <b>pH</b> Not determined.</li><li>· <b>Viscosity:</b></li><li>· <b>Kinematic viscosity</b> Not determined.</li><li>· <b>dynamic:</b> Not determined.</li><li>· <b>Solubility</b></li><li>· <b>Water:</b> Not miscible or difficult to mix</li><li>· <b>Partition coefficient n-octanol/water (log value)</b> Not determined.</li><li>· <b>Steam pressure:</b> Not determined.</li><li>· <b>Density and/or relative density</b></li><li>· <b>Density at 20 °C</b> ca. 1 g/cm<sup>3</sup></li><li>· <b>Relative density</b> Not determined.</li><li>· <b>Vapour density</b> Not determined.</li></ul> |  |
| <ul style="list-style-type: none"><li>· <b>9.2 Other information</b> No further relevant information available.</li><li>· <b>Appearance:</b></li><li>· <b>Form:</b> Fluid</li><li>· <b>Important information on protection of health and environment, and on safety.</b></li><li>· <b>Self-inflammability:</b> Product is not selfigniting.</li><li>· <b>Explosive properties:</b> Product is not explosive.</li><li>· <b>Solvent content:</b></li><li>· <b>Water:</b> 0.0 %</li><li>· <b>Solids content:</b> 0.3 %</li><li>· <b>Change in condition</b></li><li>· <b>Evaporation rate</b> Not determined.</li></ul>   |  |
| <ul style="list-style-type: none"><li>· <b>Information with regard to physical hazard classes</b></li><li>· <b>Explosives</b> Void</li><li>· <b>Flammable gases</b> Void</li><li>· <b>Aerosols</b> Void</li><li>· <b>Oxidising gases</b> Void</li><li>· <b>Gases under pressure</b> Void</li><li>· <b>Flammable liquids</b> Void</li><li>· <b>Flammable solids</b> Void</li><li>· <b>Self-reactive substances and mixtures</b> Void</li><li>· <b>Pyrophoric liquids</b> Void</li><li>· <b>Pyrophoric solids</b> Void</li><li>· <b>Self-heating substances and mixtures</b> Void</li><li>· <b>Substances and mixtures, which emit flammable gases in contact with water</b> Void</li><li>· <b>Oxidising liquids</b> Void</li><li>· <b>Oxidising solids</b> Void</li><li>· <b>Organic peroxides</b> Void</li><li>· <b>Corrosive to metals</b> Void</li></ul>   |  |

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· **Desensitised explosives**

Void

**SECTION 10: Stability and reactivity**

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
  - **Conditions to be avoided:** No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions**
  - Photoreactive
  - Polymerisation
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** None
  - **Additional information:** -

**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.

· **LD/LC50 values that are relevant for classification:**

**72869-86-4 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate**

Oral LD50 >5,000 mg/kg (rat) (OECD 401)

Dermal LD50 >2,000 mg/kg (rat) (OECD 402)

**127823-21-6 (octahydro-4,7-methano-1H-indenyl)methyl acrylate**

Oral LD0 >2,000 mg/kg (rat) (OECD 423)

**40220-08-4 (2,4,6-trioxo-1,3,5-triazinane-1,3,5-triyl)triethylene triacrylate**

Oral LD50 >2,000 mg/kg (rat) (OECD 423)

**42594-17-2 Tricyclodecane dimethanol diacrylate**

Oral LD0 >2,000 mg/kg (rat) (OECD 423)

Dermal LD0 >2,000 mg/kg (rat) (OECD 402)

**162881-26-7 phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide**

Oral LD50 >2,000 mg/kg (rat) (OECD 401)

Dermal LD50 >2,000 mg/kg (rat) (OECD 402)

**131-57-7 Oxybenzone**

Oral LD50 >12,800 mg/kg (rat) (OECD 401)

Dermal LD50 >16,000 mg/kg (rabbit) (OECD 402)

- **Skin corrosion/irritation**
  - Causes skin irritation.
- **Serious eye damage/irritation**
  - Causes serious eye damage.
- **Respiratory or skin sensitisation**
  - May cause an allergic skin reaction.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.

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· **Reproductive toxicity**

**162881-26-7 phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide**

Oral | NOAEL (parental toxicity) | >1,000 mg/kg/d (rat)

· **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**

None of the ingredients is listed.

**SECTION 12: Ecological information**

· **12.1 Toxicity**

· **Aquatic toxicity:**

**72869-86-4 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate**

EC50/48h | >1.2 mg/l (daphnia) (OECD 202)

LC50/96h | 10.1 mg/l (fish) (OECD 203)

ErC50 / 72 h | >0.68 mg/l (algae) (OECD 201)

NOEC / 72h | 0.21 mg/l (algae) (OECD 201)

**40220-08-4 (2,4,6-trioxo-1,3,5-triazinane-1,3,5-triyl)triethylene triacrylate**

EC50/48h | 158.3 mg/l (daphnia) (OECD 202)

LC50/96h | 9.43 mg/l (fish) (OECD 203)

ErC50 / 72 h | 25.7 mg/l (algae) (OECD 201)

ErC10/72h | 12.9 mg/L (algae) (OECD 201)

**42594-17-2 Tricyclodecane dimethanol diacrylate**

EC50/48h | 2.36 mg/l (daphnia) (OECD 202)

LC50/96h | 1.65 mg/l (fish) (OECD 203)

ErC50 / 72 h | 1.6 mg/l (algae) (OECD 201)

**162881-26-7 phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide**

EC50/72h | >0.26 mg/l (algae) (OECD 201)

EC50/48h | >1.175 mg/l (daphnia) (OECD 202)

LC50/96h | >0.09 mg/l (fish) (OESO 203)

**131-57-7 Oxybenzone**

EC50/48h | 1.87 mg/l (daphnia) (OECD 202)

LC50/96h | 3.8 mg/l (fish) (OECD 203)

ErC50 / 72 h | 0.67 mg/l (algae) (OECD 201)

NOEC / 72h | 0.18 mg/l (algae) (OECD 201)

NOEC / 96h | 0.72 mg/l (fish) (OECD 203)

NOEC / 48h | 1.15 mg/l (daphnia) (OECD 202)

· **12.2 Persistence and degradability**

**72869-86-4 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate**

Biodegradation | 22 % /28d (not defined) (OECD 301B; ISO/ 9439/ EEC 92/69/V, C.4-C)

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**40220-08-4 (2,4,6-trioxo-1,3,5-triazinane-1,3,5-triyl)triethylene triacrylate**

Biodegradation 14.5-19.7 % /28d (not defined) (OECD 301F; ISO 9408/ EEC 92/69/V, C.4-D)

**131-57-7 Oxybenzone**

Biodegradation 60-70 % /28d (not defined)

**12.3 Bioaccumulative potential**

**131-57-7 Oxybenzone**

Bloconcentration factor (BCF) >33-<160 (fish) (OECD 305)

12.4 Mobility in soil No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

· PBT: Not applicable.

· vPvB: Not applicable.

**12.6 Endocrine disrupting properties**

For information on endocrine disrupting properties see section 11.

**12.7 Other adverse effects**

· Remark: Harmful to fish

**Additional ecological information:**

· General notes:

Harmful to aquatic organisms

Do not allow product to reach ground water, water bodies or sewage system.

Danger to drinking water if even small quantities leak into soil.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

· Recommendation

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Disposal must be made according to official regulations.

· Uncleaned packagings:

· Recommendation:

Disposal must be made according to official regulations.

Non contaminated packagings can be used for recycling.

**SECTION 14: Transport information**

**14.1 UN number or ID number**

· ADR, IMDG, IATA

UN3082

**14.2 UN proper shipping name**

· ADR

3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazahexadecane-1,16-diyl bismethacrylate, (2,4,6-trioxo-1,3,5-triazinane-1,3,5-triyl)triethylene triacrylate)

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· **IMDG**

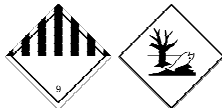
**ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazahexadecane-1,16-diyl bismethacrylate, (2,4,6-trioxo-1,3,5-triazinane-1,3,5-triyl)triethylene triacrylate), MARINE POLLUTANT**

· **IATA**

**ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazahexadecane-1,16-diyl bismethacrylate, (2,4,6-trioxo-1,3,5-triazinane-1,3,5-triyl)triethylene triacrylate)**

· **14.3 Transport hazard class(es)**

· **ADR**



· **Class**

9 (M6) Miscellaneous dangerous substances and articles.

· **Label**

9

· **IMDG, IATA**



· **Class**

9 Miscellaneous dangerous substances and articles.

· **Label**

9

· **14.4 Packing group**

· **ADR, IMDG, IATA**

III

· **14.5 Environmental hazards:**

· **Marine pollutant:**

Symbol (fish and tree)

· **Special marking (ADR):**

Symbol (fish and tree)

· **Special marking (IATA):**

Symbol (fish and tree)

· **14.6 Special precautions for user**

Warning: Miscellaneous dangerous substances and articles.

· **Kemler Number:**

90

· **EMS Number:**

F-A, S-F

· **Stowage Category**

A

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

Not applicable.

· **Transport/Additional information:**

-

· **ADR**

· **Limited quantities (LQ)**

5L

· **Excepted quantities (EQ)**

Code: E1

Maximum net quantity per inner packaging:  
30 ml

Maximum net quantity per outer packaging:

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**Safety data sheet**  
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|                                   |   |
|-----------------------------------|---|
| · <b>Transport category</b>       | 1000 ml   |
| · <b>Tunnel restriction code</b>  | 3   |
| -----                             |   |
| · <b>IMDG</b>                     |   |
| · <b>Limited quantities (LQ)</b>  | 5L  |
| · <b>Excepted quantities (EQ)</b> | Code: E1  |
|                                   | Maximum net quantity per inner packaging:<br>30 ml  |
|                                   | Maximum net quantity per outer packaging:<br>1000 ml  |
| · <b>UN "Model Regulation":</b>   | UN 3082 ENVIRONMENTALLY HAZARDOUS<br>SUBSTANCE, LIQUID, N.O.S. (7,7,9(OR 7,9,9)-<br>TRIMETHYL-4,13-DIOXO-3,14-DIOXA-5,12-<br>DIAZAHEXADECANE-1,16-DIYL<br>BISMETHACRYLATE, (2,4,6-TRIOXO-1,3,5-<br>TRIAZINANE-1,3,5-TRIYL)TRIETHYLENE<br>TRIACRYLATE), 9, III |

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
  - **Directive 2012/18/EU**
    - **Named dangerous substances - ANNEX I** None of the ingredients is listed.
    - **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t
    - **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H400 Very toxic to aquatic life.
- H411 Toxic to aquatic life with long lasting effects.
- H413 May cause long lasting harmful effects to aquatic life.
- EUH204 Contains isocyanates. May produce an allergic reaction.

· **Abbreviations and acronyms:**

- SADT: Self Accelerating Decomposition Temperature
- ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- DNEL: Derived No-Effect Level (UK REACH)
- PNEC: Predicted No-Effect Concentration (UK REACH)

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LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

Skin Sens. 1B: Skin sensitisation – Category 1B

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4

**\* Data compared to the previous version altered.**

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