



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

Printing date 25.11.2022

Version number 1

Revision: 25.11.2022

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

· **1.1 Product identifier**

· Trade name: **Charisma Bulk Flow ONE**

· **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 Dental filling material

· **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

· **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 Irrit. 2 H319 Causes serious eye irritation.

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

Aquatic Chronic 3 H412 Harmful 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**



GHS07

· **Signal word** Warning

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

7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diaza-hexadecane-1,16-diyl
bismethacrylate
triethylen glycol dimethacrylate

· **Hazard statements**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

· **Precautionary statements**

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection.

P280 Wear protective clothing.

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.

· **2.3 Other hazards -**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

(Contd. on page 2)

GB

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

Printing date 25.11.2022

Version number 1

Revision: 25.11.2022

Trade name: Charisma Bulk Flow ONE· **vPvB:** Not applicable.

(Contd. of page 1)

SECTION 3: Composition/information on ingredients· **3.2 Mixtures**· **Description:** -· **Dangerous components:**

CAS: 41637-38-1 EC number: 609-946-4 Reg.nr.: 01-2119980659-17-xxxx	bisphenol A polyethnylene glycol diether dimethacrylate Aquatic Chronic 4, H413	≥10-<25%
CAS: 72869-86-4 EINECS: 276-957-5 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 Aquatic Chronic 2, H411 Skin Sens. 1B, H317 EUH204	≥10-<25%
CAS: 13760-80-0 EINECS: 237-354-2	ytterbium trifluoride Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	≥10-<20%
CAS: 131-57-7 EINECS: 205-031-5	Oxybenzone Aquatic Acute 1, H400; Aquatic Chronic 2, H411	≥0.25-<1%
CAS: 109-16-0 EINECS: 203-652-6 Reg.nr.: 01-2119969287-21-xxxx	triethylen glycol dimethacrylate Skin Sens. 1B, H317	≥0.1-<1%
CAS: 21245-02-3 EINECS: 244-289-3 Reg.nr.: 01-2120766649-35-XXXX	2-ethylhexyl 4-(dimethylamino)benzoate Repr. 1B, H360	<0.3%

· **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** If skin irritation continues, consult a doctor.· **After eye contact**

Rinse opened eye for several minutes under running water. Then consult doctor.

· **After swallowing**

Rinse out mouth and then drink plenty of water.

In case of persistent symptoms consult doctor.

· **4.2 Most important symptoms and effects, both acute and delayed** Allergic reactions· **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**CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

Use fire fighting measures that suit the environment.

(Contd. on page 3)

GB



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

Printing date 25.11.2022

Version number 1

Revision: 25.11.2022

Trade name: Charisma Bulk Flow ONE

(Contd. of page 2)

- **5.2 Special hazards arising from the substance or mixture**
No further relevant information available.
- **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** Not required.
- **6.2 Environmental precautions:** Prevent material from reaching sewage system, holes and cellars.
- **6.3 Methods and material for containment and cleaning up:** Collect mechanically.
- **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**
No special measures required.
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:** No special requirements.
 - **Information about storage in one common storage facility:** Not required.
 - **Further information about storage conditions:** Store under dry conditions.
- **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.

· DNELs		
41637-38-1 bisphenol A polyethnylene glycol diether dimethacrylate		
Oral	general population, long term, systemic	5 mg/Kg (not defined)
Dermal	worker industrial, long term, systemic	140 mg/Kg/d (not defined)
	general population, long term, systemic	50 mg/Kg/d (not defined)
Inhalative	worker industrial, long term, systemic	98.7 mg/m3 (not defined)
	general population, long term, systemic	17.4 mg/m3 (not defined)
72869-86-4 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahehexadecane-1,16-diyl bismethacrylate		
Oral	general population, long term, systemic	0.3 mg/Kg (not defined)

(Contd. on page 4)



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

Printing date 25.11.2022

Version number 1

Revision: 25.11.2022

Trade name: Charisma Bulk Flow ONE

(Contd. of page 3)

<i>Dermal</i>	<i>worker industrial, long term, systemic</i>	1.3 mg/Kg/d (not defined)
	<i>general population, long term, systemic</i>	0.7 mg/Kg/d (not defined)
<i>Inhalative</i>	<i>worker industrial, long term, systemic</i>	3.3 mg/m3 (not defined)
	<i>general population, long term, systemic</i>	0.6 mg/m3 (not defined)

131-57-7 Oxybenzone

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

109-16-0 triethylen glycol dimethacrylate

<i>Oral</i>	<i>general population, long term, systemic</i>	8.33 mg/Kg (not defined)
<i>Dermal</i>	<i>worker industrial, long term, systemic</i>	13.9 mg/Kg/d (not defined)
	<i>general population, long term, systemic</i>	8.33 mg/Kg/d (not defined)
<i>Inhalative</i>	<i>worker industrial, long term, systemic</i>	48.5 mg/m3 (not defined)
	<i>general population, long term, systemic</i>	14.5 mg/m3 (not defined)

· PNECs

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

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

131-57-7 Oxybenzone

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

109-16-0 triethylen glycol dimethacrylate

<i>freshwater</i>	0.016 mg/l (not defined)
<i>marine water</i>	0.002 mg/l (not defined)
<i>sewage treatment plant</i>	1.7 mg/l (not defined)
<i>sediment, dry weight, freshwater</i>	0.185 mg/Kg (not defined)
<i>sediment, dry weight, marine water</i>	0.018 mg/Kg (not defined)
<i>soil, dry weight</i>	0.027 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

Wash hands during breaks and at the end of the work.

· Breathing equipment: Not necessary if room is well-ventilated.

(Contd. on page 5)



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

Printing date 25.11.2022

Version number 1

Revision: 25.11.2022

Trade name: Charisma Bulk Flow ONE

(Contd. of page 4)

· **Hand protection**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

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** Tightly sealed safety glasses.

· **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:**

Whitish

· **Smell:**

Odourless

· **Odour threshold:**

Not determined.

· **Melting point/freezing point:**

Not determined

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

140 °C (72869-86-4 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazahexadecane-1,16-diyl bismethacrylate)

· **Flammability**

Not applicable.

· **Lower and upper explosion limit**

· **Lower:**

Not determined.

· **Upper:**

Not determined.

· **Flash point:**

>100 °C (72869-86-4 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazahexadecane-1,16-diyl bismethacrylate)

Not determined.

· **Decomposition temperature:**

· **SADT**

· **pH**

Not determined.

· **Viscosity:**

· **Kinematic viscosity**

Not determined.

· **dynamic:**

Not determined.

· **Solubility**

· **Water:**

Not miscible or difficult to mix

· **Partition coefficient n-octanol/water (log value)**

Not determined.

· **Steam pressure:**

Not determined.

(Contd. on page 6)



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

Printing date 25.11.2022

Version number 1

Revision: 25.11.2022

Trade name: Charisma Bulk Flow ONE

(Contd. of page 5)

<ul style="list-style-type: none">· Density and/or relative density<ul style="list-style-type: none">· Density at 20 °C· Relative density· Vapour density	<ul style="list-style-type: none">1.9 g/cm³Not determined.Not determined.
<ul style="list-style-type: none">· 9.2 Other information· Appearance:· Form:· Important information on protection of health and environment, and on safety.<ul style="list-style-type: none">· Self-inflammability:· Explosive properties:· Change in condition· Evaporation rate	<ul style="list-style-type: none">No further relevant information available.PastyProduct is not selfigniting.Product is not explosive.Not determined.Not determined.
<ul style="list-style-type: none">· Information with regard to physical hazard classes<ul style="list-style-type: none">· Explosives· Flammable gases· Aerosols· Oxidising gases· Gases under pressure· Flammable liquids· Flammable solids· Self-reactive substances and mixtures· Pyrophoric liquids· Pyrophoric solids· Self-heating substances and mixtures· Substances and mixtures, which emit flammable gases in contact with water· Oxidising liquids· Oxidising solids· Organic peroxides· Corrosive to metals· Desensitised explosives	<ul style="list-style-type: none">VoidVoidVoidVoidVoidVoidVoidVoidVoidVoidVoidVoidVoidVoidVoidVoidVoidVoid

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** No dangerous reactions known
- **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.

(Contd. on page 7)



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

Printing date 25.11.2022

Version number 1

Revision: 25.11.2022

Trade name: Charisma Bulk Flow ONE

(Contd. of page 6)

· LD/LC50 values that are relevant for classification:		
41637-38-1 bisphenol A polyethnylene glycol diether dimethacrylate		
Oral	LD50	>2,000 mg/kg (rat) (OECD 423)
Dermal	LD50	>2,000 mg/kg (rat) (OECD 402)
72869-86-4 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahehexadecane-1,16-diyl bismethacrylate		
Oral	LD50	>5,000 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)
109-16-0 triethylen glycol dimethacrylate		
Oral	LD50	8,300 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (mouse)
21245-02-3 2-ethylhexyl 4-(dimethylamino)benzoate		
Oral	LD50	14,900 mg/kg (rat)

- **Skin corrosion/irritation** Causes skin irritation.
- **Serious eye damage/irritation** Causes serious eye irritation.
- **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.
- **Reproductive toxicity**
Based on available data, the classification criteria are not met.

21245-02-3 2-ethylhexyl 4-(dimethylamino)benzoate		
Oral	NOAEL (Fertility)	50 mg/kg/d /64 d (rat) (OECD 421)

- **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		
131-57-7	Oxybenzone	List II
128-37-0	2,6-di-tert-butyl-p-cresol	List II

SECTION 12: Ecological information

12.1 Toxicity

· **Aquatic toxicity:**

41637-38-1 bisphenol A polyethnylene glycol diether dimethacrylate		
EC50/72h	>100 mg/l (algae) (OECD 201)	
LL50/96h	>100 mg/L (fish) (OECD 203)	
EL50/48h	>100 mg/L (daphnia) (OECD 202)	
EL50/72h	>100 mg/L (algae) (OECD 201)	
NOEC / 21d	≥22.4 mg/l (daphnia) (OECD 211)	
NOEC 28d	14.3 mg/l (bacteria)	
NOELR	100 mg/L /48h (daphnia) (OECD 202)	

(Contd. on page 8)



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

Printing date 25.11.2022

Version number 1

Revision: 25.11.2022

Trade name: Charisma Bulk Flow ONE

(Contd. of page 7)

72869-86-4 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazaheptadecane-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)

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)

109-16-0 triethylen glycol dimethacrylate

EC50/21d	51.9 mg/L (daphnia) (OECD 211)
LC50/96h	16.4 mg/l (fish) (OECD 203)
NOEC / 21d	32 mg/l (daphnia) (OECD 211)
ErC50 / 72 h	>100 mg/l (algae) (OECD 201)
NOEC / 72h	18.6 mg/l (algae) (OECD 201)
EbC50 / 72h	72.8 mg/l (algae) (OECD 201)

12.2 Persistence and degradability

41637-38-1 bisphenol A polyethnylene glycol diether dimethacrylate

Biodegradation 24 % /28d (not defined) (OECD 301D)

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

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

131-57-7 Oxybenzone

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

109-16-0 triethylen glycol dimethacrylate

Biodegradation 85 % /28d (not defined) (OECD 301B; ISO/ 9439/ EEC 92/69/V, C.4-C)

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

· **Additional ecological information:**

· **General notes:** Avoid transfer into the environment.

GB

(Contd. on page 9)



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

Printing date 25.11.2022

Version number 1

Revision: 25.11.2022

Trade name: Charisma Bulk Flow ONE

(Contd. of page 8)

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

Void

· **14.2 UN proper shipping name**

· ADR, IMDG, IATA

Void

· **14.3 Transport hazard class(es)**

· ADR, ADN, IMDG, IATA

· Class

Void

· **14.4 Packing group**

· ADR, IMDG, IATA

Void

· **14.5 Environmental hazards:**

· Marine pollutant:

No

· **14.6 Special precautions for user**

Not applicable.

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

Not applicable.

· **Transport/Additional information:**

-

· **UN "Model Regulation":**

Void

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.

· **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.

(Contd. on page 10)



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

Printing date 25.11.2022

Version number 1

Revision: 25.11.2022

Trade name: Charisma Bulk Flow ONE

(Contd. of page 9)

- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H360 May damage fertility or the unborn child.
- 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)
 - 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 Irrit. 2: Serious eye damage/eye irritation – Category 2
 - Skin Sens. 1: Skin sensitisation – Category 1
 - Skin Sens. 1B: Skin sensitisation – Category 1B
 - Repr. 1B: Reproductive toxicity – 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 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
 - Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4
- * Data compared to the previous version altered.**