

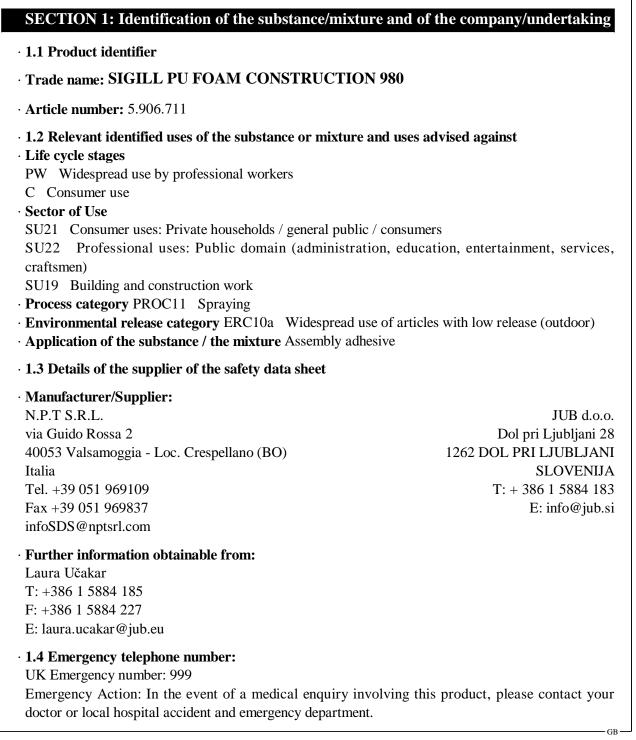
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Safety data sheet according to UK REACH

Revision: 28.11.2024

Version number 1

Date of the first version: 28.11.2024



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Trade name: SIGILL PU FOAM CONSTRUCTION 980

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2.1 Classifica	tion of the	e substance or mixture	
Classification	accordin	g to Regulation (EC) No 1272/2008	
GH:	S02 flame		
Aerosol 1	H222-H2	H222-H229 Extremely flammable aerosol. Pressurised container: May burst i heated.	
GH:	S08 health	hazard	
Resp. Sens. 1	H334	May cause allergy or asthma symptoms or breathing difficulties i inhaled.	
Carc. 2	H351	Suspected of causing cancer.	
STOT RE 2	H373	May cause damage to organs through prolonged or repeated exposure.	
GH	\$07		
	307		
Acute Tox. 4	H302	Harmful if swallowed.	
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.	
STOT SE 3	H335	May cause respiratory irritation.	
The product is Hazard picto GHS02 GH Signal word I Hazard-deter	cording to s classified grams (S07 GH Danger cmining co	Regulation (EC) No 1272/2008 d and labelled according to the GB CLP regulation.	
	-	unite, isomeres une nomorogues	
Polypropylene			
		hosphate	

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Hazard stat				
	Extremely flammable aerosol. Pressurised container: May burst if heated.			
H302	Harmful if swallowed.			
H315	Causes skin irritation.			
H319	Causes serious eye irritation.			
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.			
H317	May cause an allergic skin reaction.			
H351	Suspected of causing cancer.			
H335	May cause respiratory irritation.			
H373	May cause damage to organs through prolonged or repeated exposure.			
Precautiona	ary statements			
P101	If medical advice is needed, have product container or label at hand.			
P102 Keep out of reach of children.				
P103	Read carefully and follow all instructions.			
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignitio			
	sources. No smoking.			
P211	Do not spray on an open flame or other ignition source.			
P251	Do not pierce or burn, even after use.			
P271	Use only outdoors or in a well-ventilated area.			
P280	Wear protective gloves/protective clothing/eye protection/face protection.			
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.			
P305+P351	+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contac lenses, if present and easy to do. Continue rinsing.			
P410+P412				
P501	Dispose of contents/container in accordance with local/regional/nationa			
	international regulations.			
Additional i	information:			
EUH204 Co	ontains isocyanates. May produce an allergic reaction.			
2.3 Other h				
	'BT and vPvB assessment Not applicable.			
PBT: Not a				
vPvB: Not a	annlicable			

CAS: 1244733-77-4 tris 2-chloroisopropyl phosphate

List II

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

• **Description:** Mixture of substances listed below with nonhazardous additions.

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· Dangerous components:		-
CAS: 9016-87-9	 diphenylmethanediisocyanate, isomeres and homologues Resp. Sens. 1, H334; Carc. 2, H351; STOT RE 2, H373 	40-42.5%
	 Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335 EUH204 	
	Specific concentration limits: Eye Irrit. 2; H319: $C \ge 5\%$ Skin Irrit. 2; H315: $C \ge 5\%$	
	Resp. Sens. 1; H334: $C \ge 0.1 \%$ STOT SE 3; H335: $C \ge 5 \%$	
CAS: 25791-96-2 NLP: 500-044-5	Polypropylene glycol Acute Tox. 4, H302	18-19.5%
CAS: 1244733-77-4 EC number: 807-935-0	tris 2-chloroisopropyl phosphate Acute Tox. 4, H302	18-19.5%
CAS: 75-28-5 EINECS: 200-857-2 Reg.nr.: 01-2119485395-27	isobutane Flam. Gas 1A, H220 Press. Gas (Comp.), H280	9-10.5%
CAS: 115-10-6 EINECS: 204-065-8	dimethyl ether Flam. Gas 1A, H220 Acute Tox. 2, H330 Press. Gas (Comp.), H280	9-10.5%
CAS: 74-98-6 EINECS: 200-827-9	propane Flam. Gas 1A, H220 Press. Gas (Comp.), H280	2-2.5%
CAS: 107-21-1 EINECS: 203-473-3 Reg.nr.: 01-2119456816-28	ethanediol STOT RE 2, H373 Acute Tox. 4, H302 or the wording of the listed hazard phrases refer to section 1	0.05-<0.1%

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

· General information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.

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· After eye contact:

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Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

SECTION 5: Firefighting measures

- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
- · 5.3 Advice for firefighters
- Protective equipment: Mouth respiratory protective device.
- Additional information Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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 sewers/ surface or ground water.
- 6.3 Methods and material for containment and cleaning up: Dispose contaminated material as waste according to section 13.
- 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 disposal information.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care.

 Information about fire - and explosion protection: Do not spray onto a naked flame or any incandescent material. Keep ignition sources away - Do not smoke. Protect against electrostatic charges.

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(Contd. of page 5) Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use. · 7.2 Conditions for safe storage, including any incompatibilities · Requirements to be met by storerooms and receptacles: Store in a cool location. Store only in the original receptacle. Observe official regulations on storing packagings with pressurised containers. · Information about storage in one common storage facility: Do not store together with oxidising and acidic materials. Store away from flammable substances. · Further information about storage conditions: Keep container tightly sealed. Do not seal receptacle gas tight. Store in cool, dry conditions in well sealed receptacles. Protect from heat and direct sunlight. · Storage class: 2 B • 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

• Ingredients with limit values that require monitoring at the workplace:

CAS: 9016-87-9 diphenylmethanediisocyanate, isomeres and homologues

WEL Short-term value: 0.07 mg/m³ Long-term value: 0.02 mg/m³ Sen; as -NCO

CAS: 115-10-6 dimethyl ether

WEL Short-term value: 958 mg/m³, 500 ppm Long-term value: 766 mg/m³, 400 ppm

• Additional information: The lists valid during the making were used as basis.

· 8.2 Exposure controls

• Appropriate engineering controls No further data; see section 7.

· Individual protection measures, such as personal protective equipment

· General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

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Do not eat or drink while working.

· Respiratory protection: Short term filter device:

· Hand protection

Protective gloves that meet the criteria of BS EN 374.

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

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

After use of gloves apply skin-cleaning agents and skin cosmetics.

- · Eye/face protection
- Protective goggles must comply with standard BS EN 166. Goggles recommended during refilling
- · Body protection: Protective work clothing

SECTION 9: Physical and chemical properties

\cdot 9.1 Information on basic physical and chen	nical properties	
· General Information		
· Physical state	Aerosol	
· Colour:	Pink	
· Odour:	Characteristic	
· Odour threshold:	Not determined.	
 Melting point/freezing point: 	Undetermined.	
· Boiling point or initial boiling point and bo	iling	
range	-12 °C	
· Lower and upper explosion limit		
· Lower:	Not determined.	
· Upper:	Not determined.	
· Flash point:	-83 °C	
Auto-ignition temperature:	460 °C	
Decomposition temperature:	Not determined.	
· pH	Not determined.	
· Viscosity:		
· Kinematic viscosity	Not determined.	
· Dynamic:	Not determined.	
· Solubility		
· water:	Fully miscible.	
· Vapour pressure:	Not determined.	
· Density and/or relative density		
• Density at 20 °C:	1.02 g/cm ³	
· Relative density	Not determined.	
· Vapour density	Not determined.	
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• 9.2 Other information	
· Appearance:	
· Form:	Aerosol
· Important information on protection of he	ealth
and environment, and on safety.	
· Ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product is not explosive. However, formation o
	explosive air/vapour mixtures are possible.
· Solvent content:	170.8 g/l
· Organic solvents:	11-13 %
· VOC (EC)	16.76 %
· Information with regard to physical has	zard
classes	
· Explosives	Void
· Flammable gases	Void
· Aerosols	Extremely flammable aerosol. Pressurise
	container: May burst if heated.
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
\cdot Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit	
flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

SECTION 10: Stability and reactivity

 \cdot 10.1 Reactivity No further relevant information available.

- · 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.

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• 10.4 Conditions to avoid No further relevant information available.

• 10.5 Incompatible materials: No further relevant information available.

· 10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

- \cdot 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- Acute toxicity Harmful if swallowed.

· LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)

Oral LD50 1,282.1-1,388.9 mg/kg

Inhalative LC50/4 h 3.5294-3.75 mg/l

CAS: 115-10-6 dimethyl ether

Inhalative LC50/4 h 308 mg/l (rat)

· Skin corrosion/irritation Causes skin irritation.

• Serious eye damage/irritation Causes serious eye irritation.

· Respiratory or skin sensitisation

May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

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

- · Carcinogenicity Suspected of causing cancer.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** May cause respiratory irritation.
- · STOT-repeated exposure May cause damage to organs through prolonged or repeated exposure.
- Aspiration hazard Based on available data, the classification criteria are not met.
- · 11.2 Information on other hazards

· Endocrine disrupting properties

CAS: 1244733-77-4 tris 2-chloroisopropyl phosphate

List II

SECTION 12: Ecological information

- · 12.1 Toxicity
- \cdot Aquatic toxicity: No further relevant information available.

 \cdot 12.2 Persistence and degradability No further relevant information available.

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• 12.3 Bioaccumulative potential No further relevant information available.

• 12.4 Mobility in soil No further relevant information available.

\cdot 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
- \cdot Additional ecological information:
- · General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· Recommendation

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

Hand over to hazardous waste disposers.

· European waste catalogue

16 05 04* gases in pressure containers (including halons) containing hazardous substances

08 05 01* waste isocyanates

· Recommendation: Dispose of packaging according to regulations on the disposal of packagings.

• Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

- · 14.1 UN number or ID number
- · ADR, IMDG, IATA

UN1950

- · 14.2 UN proper shipping name
- · ADR

1950 AEROSOLS

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IMDG IATA	AEROSOLS AEROSOLS, flammable
14.3 Transport hazard class(es)	
ADR	
Class	2 5F Gases.
Label	2.1
IMDG, IATA	
Class	2.1 Gases.
Label	2.1
14.4 Packing group ADR, IMDG, IATA	Void
14.5 Environmental hazards:	Not applicable.
14.6 Special precautions for user	Warning: Gases.
Hazard identification number (Kemler o	-
EMS Number:	F-D,S-U
Stowage Code	SW1 Protected from sources of heat.
	SW22 For AEROSOLS with a maximum capacit
	of 1 litre: Category A. For AEROSOLS with capacity above 1 litre: Category B. For WAST
	AEROSOLS: Category C, Clear of living quarters
Segregation Code	SG69 For AEROSOLS with a maximum capacit
5 5	of 1 litre:
	Segregation as for class 9. Stow "separated from
	class 1 except for division 1.4.
	For AEROSOLS with a capacity above 1 litre:
	Segregation as for the appropriate subdivision class 2.
	For WASTE AEROSOLS:
	Segregation as for the appropriate subdivision class 2.
14.7 Maritime transport in bulk according	ing to

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1L
Code: E0
Not permitted as Excepted Quantity
2
D
1L
Code: E0
Not permitted as Excepted Quantity
UN 1950 AEROSOLS, 2.1
-

SECTION 15: Regulatory information

\cdot 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Following regulation was considered in the preparation of document:

Legislation on the occupational health and safety, the chemical legislation and regulations on biocidal products, regulations on classification, packaging and labeling of chemical and biocidal products and requirements on safety data sheets for chemicals and biocidal products composition, as well as regulations on the management of packaging and packaging waste and waste.

· Poisons Act

· Regulated explosives precursors

None of the ingredients is listed.

· Regulated poisons

None of the ingredients is listed.

· Reportable explosives precursors

None of the ingredients is listed.

· Reportable poisons

None of the ingredients is listed.

\cdot Labelling according to Regulation (EC) No 1272/2008

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

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(Contd. of page 12) · Hazard pictograms GHS02 GHS07 GHS08 · Signal word Danger · Hazard-determining components of labelling: diphenylmethanediisocyanate, isomeres and homologues Polypropylene glycol tris 2-chloroisopropyl phosphate dimethyl ether · Hazard statements H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated. Harmful if swallowed. H302 Causes skin irritation. H315 Causes serious eye irritation. H319 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. H317 Suspected of causing cancer. H351 H335 May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure. H373 · Precautionary statements P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. Read carefully and follow all instructions. P103 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. P211 P251 Do not pierce or burn, even after use. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. IF INHALED: Remove person to fresh air and keep comfortable for breathing. P304+P340 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. P501 Dispose of contents/container in accordance with local/regional/national/ international regulations. · Directive 2004/42/EC · Directive 2012/18/EU · Named dangerous substances - ANNEX I None of the ingredients is listed. · Seveso category P3a FLAMMABLE AEROSOLS

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- \cdot Qualifying quantity (tonnes) for the application of lower-tier requirements $150\ t$
- · Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

• DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

· REGULATION (EU) 2019/1148

• Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

· Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

· Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

• Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. This Safety Data Sheets is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

Relevant phrases

- H220 Extremely flammable gas.
- H280 Contains gas under pressure; may explode if heated.
- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.
- H332 Harmful if inhaled.
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H335 May cause respiratory irritation.
- H351 Suspected of causing cancer.
- H373 May cause damage to organs through prolonged or repeated exposure.

EUH204 Contains isocyanates. May produce an allergic reaction.

Recommended restriction of use

Claims contained in this document are based on our actual knowledge at the time of revision of this document. They do not undertake the properties of the product described in terms of the legal provisions for the pledge.

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Placing this document as available does not unbind the product customer from its responsibility to comply with all relevant laws and regulations applicable for this product. This is especially valid in the case of product resale or resale of its mixtures or manufactured products from other areas of law and industrial property rights of third parties. If the product described above is changed by crafting or mixing with other materials, it is not possible to transfer claims from this document onto a newly made product, unless otherwise specified. In the case of product re-packaging the customer must attach the required relevant safety information as well.

- **Department issuing SDS:** JUB d.o.o. Product safety department
- Contact: Laura Učakar
 laura.ucakar@jub.eu
 Date of previous version: 11.11.2024
- · Abbreviations and acronyms:

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) VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative ATE: Acute toxicity estimate values Flam. Gas 1A: Flammable gases - Category 1A Aerosol 1: Aerosols - Category 1 Press. Gas (Comp.): Gases under pressure - Compressed gas Acute Tox. 2: Acute toxicity - Category 2 Acute Tox. 4: Acute toxicity - Category 4 Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Irrit. 2: Serious eye damage/eye irritation - Category 2 Resp. Sens. 1: Respiratory sensitisation - Category 1 Skin Sens. 1: Skin sensitisation - Category 1 Carc. 2: Carcinogenicity - Category 2 STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 STOT RE 2: Specific target organ toxicity (repeated exposure) - Category 2

 \cdot * Data compared to the previous version altered.