Safety Data Sheet
according to 1907/2006/EC, Article 31

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

1.1 Product identifier
Trade name weber.tec 970 Komp.B

Safety data sheet no.: 49PX20317-b
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
Spacings sealent
Hardening agent/ Curing agent

1.3 Details of the supplier of the safety data sheet
Manufacturer/Supplier:
Saint Gobain Weber GmbH
Schanzenstr. 84
D-40549 Düsseldorf
+49(0)211/91369-0
email: Produktsicherheit@sg-weber.de
1.4 Emergency telephone number: Telefon: +49(0)6131-19240

*

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008


GHS08 health hazard

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.


GHS09 environment

Aquatic Acute 1 H400 Very toxic to aquatic life.
Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.

Lact. H362 May cause harm to breast-fed children.

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the CLP regulation.
Hazard pictograms


GHS08 GHS09

Signal word Warning

Hazard-determining components of labelling:
alkanes, C14-17, chloro
manganese dioxide
1,3-diphenylguanidine

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thiram

Hazard statements

H362 May cause harm to breast-fed children.
H373 May cause damage to organs through prolonged or repeated exposure.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

P261 Avoid breathing mist/vapours/spray.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

EUH208 Contains thiram. May produce an allergic reaction.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT:	
CAS: 85535-85-9	alkanes, C14-17, chloro

vPvB:	
CAS: 85535-85-9	alkanes, C14-17, chloro

*
SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of substances listed below with non hazardous additions.

Dangerous components:		
CAS: 85535-85-9 EINECS: 287-477-0 Index number: 602-095-00-X Reg.nr.: 01-2119519269-33-xxxx	alkanes, C14-17, chloro Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Lact., H362, EUH066 PBT; vPvB	28- ≤ 48%
CAS: 1313-13-9 EINECS: 215-202-6 Index number: 025-001-00-3 Reg.nr.: 01-2119452801-43-xxxx	manganese dioxide STOT RE 2, H373; Acute Tox. 4, H302; Acute Tox. 4, H332	9 - < 16%
CAS: 102-06-7 EINECS: 203-002-1 Index number: 612-149-00-4	1,3-diphenylguanidine Acute Tox. 3, H301; Repr. 2, H361fd; Eye Dam. 1, H318; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H335	0 - <1%
CAS: 137-26-8 EINECS: 205-286-2 Index number: 006-005-00-4 Reg.nr.: 01-2119492301-45-xxxx	thiram STOT RE 2, H373; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=10); Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	0 - < 1%

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SVHC	
CAS: 85535-85-9	alkanes, C14-17, chloro

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.
Remove the victim immediately from the danger area. If the patient is unwell consult a doctor and present this data sheet.
After inhalation Supply fresh air; consult doctor in case of complaints.
After skin contact
Immediately 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. If symptoms persist, consult a doctor. Rinse liquid should be tempered (20-30°C).
After swallowing Drink plenty of water and provide fresh air. Call for a doctor immediately.
Information for doctor None
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

5.1 Extinguishing media
Suitable extinguishing agents
CO2, powder or water spray. Fight larger fires with water spray
or alcohol resistant foam.
For safety reasons unsuitable extinguishing agents Water with full jet
5.2 Special hazards arising from the substance or mixture
Formation of toxic gases is possible during heating or in case of fire.
Nitrogen oxides (NOx)
Carbon monoxide (CO)
Hydrogen chloride (HCl)
5.3 Advice for firefighters
Protective equipment:
Wear fully protective suit.
Wear self-contained respiratory protective device.
Additional information
Collect contaminated fire fighting water separately. It must not enter the sewage system.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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*
SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation.
6.2 Environmental precautions:
The product must not get into lakes, rivers or canals, the sewage system or into the soil. Dam up or trap any escaping fluid immediately.
Inform respective authorities in case of seepage into water course or sewage system.
6.3 Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
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
Keep receptacles tightly sealed.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities
Storage
Requirements to be met by storerooms and receptacles:
Store only in unopened original receptacles.
Insure sufficient ventilation for storage and work areas.
Information about storage in one common storage facility:
Store away from foodstuffs.
Do not store together with acids.
Do not store together with alkalis (caustic solutions).
Store away from oxidising agents.
Further information about storage conditions:
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.
Protect from freezing.
Recommended storage temperature: 5-30°C.
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:

DNELs		
CAS: 85535-85-9 alkanes, C14-17, chloro		
Oral	Derived No Effect Level	0.58 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	47.9 mg/kgxday (worker systemic long term value)

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		28.75 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	6.7 mg/m³ (worker systemic long term value)
		2 mg/m³ (consumer systemic long term value)
CAS: 1313-13-9 manganese dioxide		
Dermal	Derived No Effect Level	0.00414 mg/kgxday (worker systemic long term value)
		0.0021 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	0.2 mg/m³ (worker systemic long term value)
		0.043 mg/m³ (consumer systemic long term value)
CAS: 102-06-7 1,3-diphenylguanidine		
Inhalative	Derived No Effect Level	1.2 mg/m³ (worker systemic long term value)

CAS No. Designation of material % Type Value Unit	
CAS: 85535-85-9 alkanes, C14-17, chloro	
AGW (Germany)	Long-term value: 6 E mg/m³, 0.3 E ppm 8(II);H, Y, 11, AGS

Additional information:
The applicable TRGS 900 (MAK list) was used as the basis for the preparation and/or revision of this safety data sheet.

8.2 Exposure controls
Appropriate engineering controls No further data; see item 7.
Individual protection measures, such as personal protective equipment
General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.
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.
Use a moisturising skin cream after processing the product.
Respiratory protection:
Not necessary if room is well-ventilated.
In case of brief exposure or low pollution use respiratory filter device.
In case of intensive or longer exposure use self-contained respiratory protective device.
Short term filter device:
Filter A2
Hand protection
Protective gloves.
The glove material has to be impermeable and resistant to the product/ the substance/ the mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
Material of gloves
Nitrile rubber, NBR
Butyl rubber, BR
Recommended thickness of the material: ≥ (NBR) 0.11 mm
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 mixture 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
Breakthrough time: > 480 min

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Value for the permeation: Level ≤ 6
The exact breaktrough time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye/face protection Tightly sealed goggles
Body protection: Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information	
Physical state	Fluid
Colour:	According to product specification
Odour:	Characteristic
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling range	>200 °C
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	100 °C
Ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
pH	Slightly alkaline
Viscosity:	
Kinematic viscosity	Not determined.
dynamic:	Not determined.
Solubility	
Water:	Insoluble
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density	
Density:	Not determined
Bulk density:	Not applicable.
Vapour density	Not determined.

9.2 Other information	None.
Appearance:	
Form:	Pasty
Important information on protection of health and environment, and on safety.	
Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Minimum ignition energy	
Solvent separation test:	Not determined
Change in condition	
Softening point/range	
Oxidising properties	Not determined.

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Evaporation rate	Not determined.
Information with regard to physical hazard classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
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

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.
Decomposition starts at: >150°C
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:
Nitrogen oxides (NOx)
Carbon monoxide and carbon dioxide

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 relevant for classification:

Components	Type	Value	Species
CAS: 85535-85-9 alkanes, C14-17, chloro			
Oral	LD50	>4,000 mg/kg (Rat)	
CAS: 1313-13-9 manganese dioxide			
Oral	LD50	>3,480 mg/kg (Rat)	

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CAS: 102-06-7 1,3-diphenylguanidine		
Oral	LD50	107 mg/kg (Rat)
Dermal	LD50	2,001 mg/kg (Rabbit)

Skin corrosion/irritation Based on available data, the classification criteria are not met.
Serious eye damage/irritation Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
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
May cause harm to breast-fed children.
STOT-single exposure Based on available data, the classification criteria are not met.
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
None of the ingredients is listed.

*
SECTION 12: Ecological information

12.1 Toxicity
Aquatic toxicity: Very toxic to aquatic life with long lasting effects.

Type of test Effective concentration Method Assessment	
CAS: 85535-85-9 alkanes, C14-17, chloro	
LC50/96h	>5,000 mg/l (Fish)
EC50/48h	0.00059 mg/l (Daphnia magna) (OECD 202)
EC50/72h	3.2 mg/l (Selenastrum capricornutum (Green algae))
NOEC (21d)	0.01 mg/l (Daphnia magna)
CAS: 1313-13-9 manganese dioxide	
LC50/96h	>100 mg/l (Oncorhynchus mykiss (Rainbow trout))
EC50/48h	>100 mg/l (Daphnia magna)
EC50/72h	>100 mg/l (Scenedesmus subspicatus (Algae))
CAS: 102-06-7 1,3-diphenylguanidine	
IC50/72h	1.7 mg/l (Selenastrum capricornutum (Green algae))
LC50/96h	4.2 mg/l (Pimephales promelas (Minnow))
LC0/96h	4.2 mg/l (Pimephales promelas (Minnow))
EC50/48h	17 mg/l (Daphnia magna)

12.2 Persistence and degradability Heavily biodegradable
Other information: The product is not easily biodegradable.
12.3 Bioaccumulative potential No further relevant information available.
12.4 Mobility in soil No further relevant information available.
12.5 Results of PBT and vPvB assessment

PBT:	
CAS: 85535-85-9	alkanes, C14-17, chloro

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vPvB:	
CAS: 85535-85-9	alkanes, C14-17, chloro

12.6 Endocrine disrupting properties
The product does not contain substances with endocrine disrupting properties.
12.7 Other adverse effects
Remark:
The product contains substances which are toxic to fishes and bacteria.
Very toxic for fish

Behaviour in sewage processing plants:

Type of test Effective concentration Method Assessment	
CAS: 1313-13-9 manganese dioxide	
EC 50 (3h)	>1,000 mg/l (Activated sludge)

Additional ecological information:

General notes:
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even extremely small quantities leak
into the ground.
Also poisonous for fish and plankton in water bodies.
Very toxic for aquatic organisms

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation
After mixing with the resin component pour a partial amount back into the curing agent barrel, stir well and pour the mass back once more. Cured epoxy resin products are waste that requires no particular supervision and can as a rule be disposed of as commercial waste that is similar to household rubbish.
European waste catalogue
Possible waste code. The concrete waste code depends on the source of the waste.

08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP14	Ecotoxic

Uncleaned packaging:
Recommendation:
Empty contaminated packagings thoroughly. They may be recycled
after thorough and proper cleaning.
Disposal must be made according to official regulations.
Recommended cleaning agent: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

14.1 UN number or ID number	
ADR, IMDG, IATA	UN3082

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14.2 UN proper shipping name

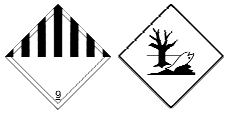
ADR	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alkanes, C14-17, chloro, 1,3-diphenylguanidine)
IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alkanes, C14-17, chloro, 1,3-diphenylguanidine), MARINE POLLUTANT
IATA	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alkanes, C14-17, chloro, 1,3-diphenylguanidine)

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:	Product contains environmentally hazardous substances: alkanes, C14-17, chloro, thiram
Marine pollutant:	Yes 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.
Hazard identification number (Kemler code):	90
EMS Number:	F-A,S-F
Stowage Category	A

14.7 Maritime transport in bulk according to IMO instruments	Not applicable.

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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: 1000 ml
Transport category	3
Tunnel restriction code	(-)
IMDG	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
UN "Model Regulation":	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ALKANES, C14-17, CHLORO, 1,3-DIPHENYLGUANIDINE), 9, III

*
SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Regulation (EC) No 1907/2006 (REACH) (Candidate List, Annexes XIV and XVII)
Regulation (EC) No 1272/2008 (CLP)
Regulation (EU) 2020/878 (amending REACH Annex II on the compilation of safety data sheets)

Directive 2012/18/EU
Named dangerous substances - ANNEX I None of the ingredients is listed.
Seveso category E1 Hazardous to the Aquatic Environment
Qualifying quantity (tonnes) for the application of lower-tier requirements 100 t
Qualifying quantity (tonnes) for the application of upper-tier requirements 200 t
REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

Regulation (EU) No 649/2012		
CAS: 137-26-8	thiram	Annex I Part 1 Annex I Part 2

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.

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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.

National regulations
Other regulations, limitations and prohibitive regulations

Substances of Very High Concern (SVHC) according to REACH, Article 57:	
CAS: 85535-85-9	alkanes, C14-17, chloro

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.

Relevant phrases
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.
H362 May cause harm to breast-fed children.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
EUH066 Repeated exposure may cause skin dryness or cracking.

Department issuing SDS: Product safety department.
Contact: Produktsicherheit@sg-weber.de; tel. +49(0)2363/399-210
Version number of previous version: 3
Abbreviations and acronyms:
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
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
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organisation
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 (REACH)
LC50: Lethal concentration, 50 percent

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LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern (REACH regulation)
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 3: Acute toxicity – Category 3
Acute Tox. 4: Acute toxicity – Category 4
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
Lact.: Reproductive toxicity – effects on or via lactation
Repr. 2: Reproductive toxicity – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

*** Data compared to the previous version altered.**
According to Annex II of the REACH regulation, the modified sections in this version of the Safety Data Sheet in comparison with the previous one are marked with asterisks.