

Printing date 01.08.2019 Version number 3 Revision: 01.08.2019

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

1.1 Product identifier

Trade name weber.prim 806 Komp.B

Safety data sheet no.: 49PX20160-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 Epoxy resin

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

Repr. 2 H361f Suspected of damaging fertility.



GHS05 corrosion

Skin Corr. 1B H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.



GHS09 environment

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



GHS07

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

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

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

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Hazard pictograms











GHS05 GHS07 GHS08 GHS09

Signal word Danger

Hazard-determining components of labelling:

4-tert-butylphenol

m-phenylenebis(methylamine)

3,3,5-trimethylhexamethylene-diamine

Hazard statements

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction. H361f Suspected of damaging fertility.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P260 Do not breathe vapours.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin

with water [or shower].

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.

2.3 Other hazards

Results of PBT and vPvB assessment PBT: Does not contain PBT substances. **vPvB:** Does not contain vPvB substances.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

Description: Reaction resin curer based on amines and polyamines.

Dangerous components:		
CAS: 98-54-4 EINECS: 202-679-0 Index number: 604-090-00-8 Reg.nr.: 01-2119489419-21-xxxx	4-tert-butylphenol ❖ Repr. 2, H361f; ❖ Eye Dam. 1, H318; ❖ Aquatic Chronic 1, H410; ❖ Skin Irrit. 2, H315	10-25%
EINECS: 216-032-5	m-phenylenebis(methylamine) Skin Corr. 1B, H314; Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Sens. 1, H317; Aquatic Chronic 3, H412	10-20%
CAS: 100-51-6 EINECS: 202-859-9 Index number: 603-057-00-5 Reg.nr.: 01-2119492630-38-xxxx	Benzyl alcohol Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332	5-10%

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CAS: 25620-58-0	3,3,5-trimethylhexamethylene-diamine	5-10%
EINECS: 247-134-8	Skin Corr. 1B, H314; Acute Tox. 4, H302; Skin Sens. 1, H317; Aquatic Chronic 3, H412	
SVHC		
CAS: 98-54-4 4-tert-butylpheno		
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.

Immediate medical treatment necessary. Failure to treat burns can prevent wounds from healing.

After eye contact

Rinse opened eye for several minutes under running water. Then consult doctor. Rinse liquid should be tempered (20-30°C).

After swallowing Drink plenty of water and provide fresh air. Call for a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

Hazards Danger of gastric perforation.

4.3 Indication of any immediate medical attention and special treatment needed

If swallowed, gastric irrigation with added, activated carbon.

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.

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Nitrogen oxides (NOx)

Carbon monoxide (CO)

Ammonia (NH3)

5.3 Advice for firefighters

Protective equipment:

Wear fully protective suit.

Wear self-contained respiratory protective device.

Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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Collect contaminated fire fighting water separately. It must not enter the sewage system.

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 watercourses

or into the soil.

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).

Dispose of contaminated material as waste according to item 13.

6.4 Reference to other sections 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.

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:

Insure sufficient ventilation for storage and work areas.

Store only in unopened original receptacles.

Information about storage in one common storage facility:

Do not store together with acids.

Store away from oxidising agents.

Store away from foodstuffs.

Further information about storage conditions:

Protect from heat and direct sunlight.

Store in cool, dry conditions in well sealed receptacles.

Recommended storage temperature: 5-30°C.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

DNELs		
CAS: 98-	54-4 4-tert-butylphenol	
Oral	Derived No Effect Level	0.026 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	0.071 mg/kgxday (worker systemic long term value)

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			(Contd. of pag
			0.026 mg/kgxday (consumer systemic long term value)
Inhalative	Derive	d No Effect Level	0.5 mg/m³ (worker systemic long term value)
			0.09 mg/m³ (consumer systemic long term value)
CAS: 147	7-55-0 r	m-phenylenebis(methylamine)
Dermal	Derive	d No Effect Level	0.33 mg/kgxday (worker systemic long term value)
Inhalative	Derive	d No Effect Level	1.2 mg/m³ (worker systemic long term value)
			0.2 mg/m³ (worker local long term value)
CAS: 100	-51-6 B	enzyl alcohol	
Oral	Derive	d No Effect Level	4 mg/kgxday (consumer systemic long term value)
Dermal	Derive	d No Effect Level	8 mg/kgxday (worker systemic long term value)
			4 mg/kgxday (consumer systemic long term value)
Inhalative	Derive	d No Effect Level	22 mg/m³ (worker systemic long term value)
			5.4 mg/m³ (consumer systemic long term value)
Ingredien	ts with	biological limit v	values:
•		ert-butylphenol	
BGW (Gei			
2011 (00.	,	Untersuchungsm	aterial: Urin
			itpunkt: Expositionsende bzw. Schichtende
		Parameter: 4-tert	t-Butylphenol (p-tert-Butylphenol) (nach Hydrolyse)
CAS No	o. Desiç	gnation of materi	ial % Type Value Unit
CAS: 98-5	54-4 4-te	ert-butylphenol	
AGW (Ge		Long-term value: 2(II);DFG, H, 11	0.5 mg/m³, 0.08 ppm
GV (Denm	nark)	Long-term value: H	0.5 mg/m³, 0.08 ppm
LEP (Spai	in)	Short-term value:	: 1* mg/m³, 0.16* ppm
	,		0.5* mg/m³, 0.08* ppm
			odificación: vía dérmica, Sen, ae
		m-phenylenebis(
MAK (Ger	• •	•	erosol;vgl.Abschn.IV
GV (Denm	, ,	Ceiling limit: 0.1 r LH	mg/m³, 0.02 ppm
TWA (Italy	y)	Ceiling limit: 0.1 r Cute	mg/m³
VLE (Port		Ceiling limit: 0.1 r P; Irritação ocula	
HTP (Finla	and)	Ceiling limit: 0.1 r	
		enzyl alcohol	
CAS: 100	- -	•	22 mg/m³, 5 ppm
		2(I);DFG, H, Y, 1	



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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

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.

Do not eat or drink while working.

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

Protection of hands:

Protective gloves.

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

Material of gloves

Butyl rubber, BR

Nitrile rubber, NBR

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

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

Eye 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

Appearance:

Form: Fluid
Colour: Yellowish
Odour: Amine-like
Odour threshold: Not determined.

pH-value: Not applicable.

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Change in condition Melting point/freezing point: Initial boiling point and boiling range:	Undetermined. Undetermined.
Flash point:	> 100 °C (DIN ISO 2592)
Ignition temperature:	365 ° C (DIN 51794)
Decomposition temperature:	Not determined
Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Explosion limits: Lower: Upper: Oxidising properties	1.3 Vol.% (DIN 51649) 13.0 Vol. % (DIN 51649) Not determined.
Vapour pressure:	0.1 hPa (DIN 51640)
Density at 20 °C:	1.03 g/cm³ (DIN EN ISO 2811-2)
Bulk density: Vapour density Evaporation rate	Not applicable. Not determined. Not determined.
Solubility in / Miscibility with Water:	Partly miscible
Segregation coefficient (n-octanol/water) le Pow:	og Not determined.
Viscosity: dynamic at 20 °C: kinematic:	400 mPas (DIN EN ISO 3219) Not determined.
Solvent separation test: 9.2 Other information	Not determined None.

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.

10.3 Possibility of hazardous reactions

Strong exothermic reaction with acids

Exothermic 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:** No dangerous decomposition products known.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

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

LD/LC50 values relevant for classification:

Compone	nts	Type	Value	Species
CAS: 98-5	4-4 4-tert	-butylphenol		
Oral	LD50	>2,000 mg/kg (Rat)		
CAS: 147	7-55-0 m-p	henylenebis(methy	lamine)	
Oral	LD50	2,000 mg/kg (Rat)		
Dermal	LD50	>3,100 mg/kg (Rabb	it)	
CAS: 100-	-51-6 Benz	zyl alcohol		
Oral	LD50	1,230 mg/kg (Rat)		
Dermal	LD50	2,000 mg/kg (Rabbit)	
Inhalative	LC50/4 h	11 mg/l (ATE)		
		>4,178 mg/l (Rat)		
CAS: 256	20-58-0 3,	3,5-trimethylhexame	thylene-	-diamine
Oral	LD50	910 mg/kg (Rat)		

Primary irritant effect:

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

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

Suspected of damaging fertility.

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.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: Toxic to aquatic life with long lasting effects.

Type of test	Type of test Effective concentration Method Assessment		
CAS: 98-54-	CAS: 98-54-4 4-tert-butylphenol		
EC50/48h	3.9 mg/l (Daphnia magna)		
EC50/72h 14 mg/l (Selenastrum capricornutum (Green algae))			
NOEC (21d)	0.73 mg/l (Daphnia magna)		

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CAS: 1477-	55-0 m-phenylenebis(methylamine)			
LC50/96h	h 87.6 mg/l (Oryzias latipes (Japanese medaka))			
EC50/48h	15.2 mg/l (Daphnia magna)			
EC50/72h	20.3 mg/l (Scenedesmus subspicatus (Algae))			
CAS: 100-5	1-6 Benzyl alcohol			
LC50/48h	360 mg/l (Daphnia magna)			
	645 mg/l (Leuciscus idus (Orfe))			
LC50/96h	10 mg/l (Lepomis macrochirus (Sunfish))			
	460 mg/l (Pimephales promelas (Minnow))			
EC50/24h	400 mg/l (Daphnia magna)			
EC50/96h	400 mg/l (Daphnia magna)			
	640 mg/l (Scenedesmus subspicatus (Algae))			
EC50/72h	770 mg/l (Algae)			
EC 10	400 mg/l (Pseudomonas putida (Bacteria))			
CAS: 25620	-58-0 3,3,5-trimethylhexamethylene-diamine			
LC50/48h	LC50/48h 174 mg/l (Leuciscus idus (Orfe))			
LC0/96h	0/96h 150 mg/l (Leuciscus idus (Orfe))			
EC50/24h	31.5 mg/l (Daphnia magna)			
EC50/72h	29.5 mg/l (Scenedesmus subspicatus (Algae))			
EC 10				

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential	
CAS: 100-51-6 Benzyl alcohol	
EBAB 1.1 log Pow (Bioaccumulati	on)

Behaviour in environmental systems:

12.4 Mobility in soil No further relevant information available.

Ecotoxical effects:

Remark:

The product contains substances which cause a local pH change and thus have a detrimental effect on fish and bacteria.

The product contains substances which are toxic to fishes and bacteria.

Toxic for fish

Behaviour in sewage processing plants:

Type of test Effective concentration Method Assessment	
	CAS: 100-51-6 Benzyl alcohol
	EC 50 (3h) 79 mg/l (Scenedesmus quadricauda (Algae))

Additional ecological information:

General notes:

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

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

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Toxic for aquatic organisms

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TOXIC IOI aquatic organisms

12.5 Results of PBT and vPvB assessment

PBT: Does not contain PBT substances. **vPvB:** Does not contain vPvB substances.

12.6 Other adverse effects No further relevant information available.

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.

07 02 08*	other still bottoms and reaction residues
HP6	Acute Toxicity
HP8	Corrosive
HP10	Toxic for reproduction
HP13	Sensitising
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.

14.1 UN-Number ADR, IMDG, IATA	UN2735
14.2 UN proper shipping name	
ADR	2735 AMINES, LIQUID, CORROSIVE, N.O.S. (n phenylenebis(methylamine), 4-tert-butylphenol ENVIRONMENTALLY HAZARDOUS
IMDG	AMINES, LIQUID, CORROSIVE, N.O.S. (mphenylenebis(methylamine), 4-tert-butylphenol MARINE POLLUTANT
IATA	AMINES, LIQUID, CORROSIVE, N.O.S. (mphenylenebis(methylamine), 4-tert-butylphenol)

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14.3 Transport hazard class(es)	
ADR	
Class Label	8 (C7) Corrosive substances. 8
IMDG	
W W	
Class Label	8 Corrosive substances.
IATA	
Wit The state of t	
Class Label	8 Corrosive substances. 8
14.4 Packing group ADR, IMDG, IATA	11
14.5 Environmental hazards:	Product contains environmentally hazardo substances: 4-tert-butylphenol
Marine pollutant:	Yes
Special marking (ADR):	Symbol (fish and tree) Symbol (fish and tree)
14.6 Special precautions for user	Warning: Corrosive substances.
Danger code (Kemler):	80
EMS Number:	F-A,S-B
Segregation groups	Alkalis
Stowage Category Segregation Code	A SG35 Stow "separated from" SGG1-acids
	<u> </u>
14.7 Transport in bulk according to Annomarpol and the IBC Code	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 m
Transport category	Maximum net quantity per outer packaging: 500 r 2
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Tunnel restriction code	E
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 m
Packing instructions Passenger: Packing instructions cargo:	
UN "Model Regulation":	UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S.
	(M-PHENYLENEBIS(METHYLAMINE), 4-TERT
	BUTYLPHENOL), 8, II, ENVIRONMENTALLY
	HAZARDOUS

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.

Seveso category E2 Hazardous to the Aquatic Environment

Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t

Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

National regulations

Information about limitation of use:

Employment restrictions concerning pregnant and lactating women must be observed.

Other regulations, limitations and prohibitive regulations

Medical check-ups

CAS: 98-54-4 | 4-tert-butylphenol

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

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

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H361f Suspected of damaging fertility.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

Department issuing SDS: Product safety department.

Contact: Produktsicherheit@sg-weber.de; tel. +49(0)2363/399-210

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 européen sur le transport 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

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. 4: Acute toxicity - Category 4

Skin Corr. 1B: Skin corrosion/irritation - Category 1B Skin Irrit. 2: Skin corrosion/irritation - Category 2

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

Skin Sens. 1: Skin sensitisation – Category 1 Repr. 2: Reproductive toxicity – Category 2

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

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard - Category 3

* 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.

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