



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

Printing date 05.09.2018 Version number 1 Revision: 03.08.2018

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

1.1 Product identifier

Trade name weberep epo 412 CRY Plus Part B

Safety data sheet no.: XXP014740-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 Construction chemicals

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

SODAMCO S.A.L

Main Road, Hosrayel (Jbeil), P.O. Box 65, Jbeil - Lebanon

T +961 9 790 920/1/2/3

F +961 9 790 924

ATTADAMUNIA for Construction Industries JSC

Tha'labah Al – Ameli Str.-P.O. Box 710844 Amman 11171 Jordan

T+962 6 420 0417

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SODAMCO Emirates Factory for Building Materials W.L.L.Industrial City of Abu Dhabi

ICAD 3, Plot No. 65 NR29-P.O. Box 96082-Abu-Dhabi -

T+971 2 550 9994

F +971 2 550 9449

SODAMCO S.A.L. - Dubai Branch

Al Quoz Industrial AreaP.O. Box 31320Dubai - U.A.E.

T +971 4 347 2640

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SODAMCO Qatar W.L.L.

Al Rayan Complex, Bloc B 5th Floor, Flat 17, Rayan Road, Al Musheireb, P.O. Box 22520, Doha – Qatar

T +974 4442 3816 / +974 4442 7651

F +974 4442 5149

SODAMCO Kuwait W.L.L.

Raja Abdulla Al Habbaj Office No. 3F/6, Bloc 7 P.O. Box 496 Salmiya 20005 Kuwait

T +965 2 571 6404 /+965 2 571 0397

F +965 2 571 2721

SODAMCO Muscat L.L.C.

Al Khuwair - Muscat - Sultanate of Oman-P.O. Box 1094 PC 133,

T +968 24 21 83 61

F +968 24 21 83 62

SODAMCO Industrial Co. for Construction Chemicals W.L.L (Office Jeddah)

SODAMCO villa, Prince Mohammad Bin Abdul Aziz Street. P.O. Box 9927, Jeddah 21423 Kingdom of Saudi Arabia

T +966 12 668 3295 +966 12 261 2722

F +966 12 668 1498

SODAMCO Industrial Co. for Construction Chemicals W.L.L (Riyadh Office)

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Salahuddin Al Ayoubi Street, Facing Military Airbase Al Bayt 52 Complex, Building 5 Office 1- P.O.

Box 1042 Riyadh 11431-Kingdom of Saudi Arabia

T +966 11 473 8751 F +966 11 472 5339

1.4 Emergency telephone number:

UAE:+971 2 550 9994 Lebanon:+9619790920 Jeddah:+966126683295 Riyadh:+966114738751 Qatar:+97444423816 Jordan: +96264200417 Kuwait:+96525716404 Muscat:+96824218361

Hours of operation: From 8 am to 6 pm

Monday to Friday in Lebanon

Sunday to Thursday in other countries

SECTION 2: Hazards identification

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



GHS05 corrosion

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

Eye Dam. 1 H318 Causes serious eye damage.



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 CLP regulation.

Hazard pictograms





GHS05 GHS07

Signal word Danger

Hazard-determining components of labelling:

Polyoxypropylene diamine

3-aminomethyl-3,5,5-trimethylcyclohexylamine

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3-aminomethyl-3,5,5-trimethylcyclohexylamine

2-piperazin-1-ylethylamine

Hazard statements

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

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

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P362 Take off contaminated clothing.

P501 Dispose of contents/container in accordance with local/regional/national/

international regulations.

2.3 Other hazards

The product contains silica sand with less than 1% of fine fraction and therefore is not classified as hazardous; however, pay attention when handling and follow the indications relating to personal protective equipment.

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: Mixture of substances listed below with non hazardous additions.

Dangerous components:		
CAS: 471-34-1 EINECS: 207-439-9 Reg.nr.: 01-2119486795-18-xxxx	calcium carbonate substance with a Community workplace exposure limit	>50%
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%
CAS: 2855-13-2 EINECS: 220-666-8 Index number: 612-067-00-9 Reg.nr.: 01-2119514687-32-xxxx	3-aminomethyl-3,5,5-trimethylcyclohexylamine Skin Corr. 1B, H314; Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317; Aquatic Chronic 3, H412	5-10%
CAS: 9046-10-0 EC number: 618-561-0 Reg.nr.: 01-2119557899-12-xxxx	Polyoxypropylene diamine Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Chronic 3, H412	2-5%
CAS: 140-31-8 EINECS: 205-411-0 Index number: 612-105-00-4	2-piperazin-1-ylethylamine Skin Corr. 1B, H314; Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317; Aquatic Chronic 3, H412	1-2%

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CAS: 84852-15-3	4-nonylphenol, branched	0.1-1%
EINECS: 284-325-5		
Index number: 601-053-00-8	1, H318; (4) Aquatic Acute 1, H400 (M=10); Aquatic	
Reg.nr.: 01-2119510715-45-xxxx	Chronic 1, H410 (M=10); Acute Tox. 4, H302	
CAS: 108-95-2	phenol	0.1-1%
EINECS: 203-632-7	Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox.	
Index number: 604-001-00-2	3, H331; & Muta. 2, H341; STOT RE 2, H373; A Skin	
	Corr. 1B, H314	
0.00		
SVHC		
CAS: 84852-15-3 4-nonylphenol, branched		

Additional information

The product contains silica sand composed of quartz (crystalline silica) with a fine fraction below 1%. The respirable fraction has an occupational exposure limit value (cf. section 8).

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.

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 and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position

for transportation.

After skin contact

Immediately wash with water and soap and rinse thoroughly.

Immediately rinse with water.

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.

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

No further relevant information available.

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5.3 Advice for firefighters

Protective equipment: No special measures required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Not required.

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:

Use neutralising agent.

Dispose of contaminated material as waste according to item 13.

Ensure adequate ventilation.

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

Thorough dedusting.

Keep receptacles tightly sealed.

Provide suction extractors if dust is formed.

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.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions: None.

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: 471-34-1 calcium carbonate			
Inhalative	Derived No Effect Level	6.36 mg/m³ (worker local long term value)	
		1.06 mg/m³ (consumer local long term value)	

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CAS: 100-	51-6 Benzyl alcoho	ol		
Oral	Derived No Effect L	evel	4 mg/kgxday (consumer systemic long term value)	
Dermal	Derived No Effect L	evel	8 mg/kgxday (worker systemic long term value)	
			4 mg/kgxday (consumer systemic long term value)	
Inhalative	Derived No Effect L	evel	22 mg/m³ (worker systemic long term value)	
			5.4 mg/m³ (consumer systemic long term value)	
CAS: 285	5-13-2 3-aminometh	ıyl-3,	5,5-trimethylcyclohexylamine	
Oral	Derived No Effect L	evel	0.526 mg/kgxday (consumer systemic long term value)	
Inhalative	Derived No Effect L	evel	0.073 mg/m³ (worker local short term value)	
			0.073 mg/m³ (worker local long term value)	
CAS: 904	6-10-0 Polyoxyprop	ylen	e diamine	
Dermal	Derived No Effect L	evel	2.5 mg/kgxday (worker systemic long term value)	
Inhalative	Derived No Effect L	evel	1.36 mg/m³ (worker systemic long term value)	
CAS No	. Designation of m	ateri	al % Type Value Unit	
CAS: 471-	34-1 calcium carbo	nate	•	
TLV (EUG) Long	g-terr	m value: 10 mg/m³	
CAS: 108-	CAS: 108-95-2 phenol			
IOELV (European Union) Short-term value: 16 mg/m³, 4 ppm			m value: 16 mg/m³, 4 ppm	
			m value: 8 mg/m³, 2 ppm	
A .ll.(t)	Skin		a Limit Value of an accellate beauty during a second	

Additional Occupational Exposure Limit Values for possible hazards during processing:

Quartz respirable dust (< 5 µm): 0,15 mg/m³

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 skin.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

Use a moisturising skin cream after processing the product.

Respiratory protection: Not required.
Protection of hands: Protective gloves.
Eye protection: Tightly sealed goggles
Body protection: Protective work clothing.

EUG



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9.1 Information on basic physical and cher	mical properties
General Information	- ·
Appearance:	B .
Form:	Pasty
Colour: Odour:	Black Uncharacteristic.
Odour threshold:	Not determined.
pH-value:	Not applicable.
<u> </u>	That applicables
Change in condition Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	Undetermined.
Flash point:	Not applicable
Flammability (solid, gas):	Product is not flammable.
Ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Oxidising properties	Not determined.
Vapour pressure:	Not applicable.
Density at 20 °C:	1.57 g/cm³ (DIN 51757)
	Not applicable.
Relative density	Not determined.
Vapour density	Not applicable.
Evaporation rate	Not applicable.
Solubility in / Miscibility with	
Water:	Unsoluble
Segregation coefficient (n-octanol/water) le	
Pow:	Not determined.
Viscosity:	
dynamic:	Not applicable.
kinematic:	Not applicable.
Solvent content:	F 2.0/
Organic solvents: EU-VOC	5.3 %
Solids content:	5.45 % 100.0 %
Julius Cullelli.	100.0 /0



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SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability Stable at recommended storage conditions

Thermal decomposition / Conditions to be avoided:

No decomposition if used 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: No dangerous decomposition products known.

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: 471-	-34-1 calci	um carbonate			
Oral	LD50	6,450 mg/kg (Rat)			
Dermal	LD50	6,450 mg/kg (Rat)			
CAS: 100-	-51-6 Benz	zyl alcohol			
Oral	LD50	1,230 mg/kg (Rat)			
Dermal	LD50	2,000 mg/kg (Rabbi	t)		
Inhalative	LC50/4 h	11 mg/l (ATE)			
		>4,178 mg/l (Rat)			
CAS: 285	5-13-2 3-a	minomethyl-3,5,5-tr	imethylcy	yclohexylamine	
Oral	LD50	1,030 mg/kg (Rat)			
Dermal	LD50	1,100 mg/kg (ATE)			
		1,840 mg/kg (Rabbi	t)		
CAS: 904	6-10-0 Pol	yoxypropylene dian	nine		
Oral	LD50	2,920 mg/kg (Rat)			
Dermal	LD50	2,980 mg/kg (Rabbit)			
CAS: 140-31-8 2-piperazin-1-ylethylamine					
Oral	LD50	2,140 mg/kg (Rat)			
Dermal	LD50	880 mg/kg (Rabbit)			
	":taut affa				

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.

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

Harmful to aquatic life with long lasting effects (H412).

Harmful to aquatic life with long lasting effects.

Type of tes	st Effective concentration Method Assessment				
CAS: 471-34-1 calcium carbonate					
EC50/72h	14 mg/l (Algae)				
CAS: 100-	51-6 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: 2855	-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine				
LC50/48h	185 mg/l (Leuciscus idus (Orfe))				
LC50/96h	110 mg/l (Brachydanio rerio (zebra danio))				
EC50/24h	42 mg/l (Daphnia magna)				
EC50/48h	23 mg/l (Daphnia magna)				
EC50/72h	37 mg/l (Scenedesmus subspicatus (Algae))				
EC 10	1,120 mg/l (Pseudomonas putida (Bacteria))				
EC 10/18h	1,120 mg/l (Pseudomonas putida (Bacteria))				
CAS: 9046	-10-0 Polyoxypropylene diamine				
LC50/96h	>15 mg/l (Oncorhynchus mykiss (Rainbow trout)) (OECD 203, static)				
EC50/48h	80 mg/l (Daphnia magna)				

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 (Bioaccumulation)					
CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine					
EBAB 0.79 log Pow					
· · · · · · · · · · · · · · · · · · ·	(Contal an age 40)				

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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.

Harmful to 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:

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

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

Harmful to 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

European waste catalogue

Possible waste code. The concrete waste code depends on the source of the waste.

Uncleaned packaging:

Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Recommended cleaning agent: Thoroughly shake out sacks.

SECTION 14: Transport information		
14.1 UN-Number ADR, IMDG, IATA	UN2735	
14.2 UN proper shipping name ADR	2735 AMINES, LIQUID, CORROSIVE, N.O.S (polyoxypropylenediamine, N	
IMDG, IATA	ÀMINOETHYLPIPERÁZINE) AMINES, LIQUID, CORROSIVE, N.O.S	
	(polyoxypropylenediamine, N AMINOETHYLPIPERAZINE) (Contd. on page 2	



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(Contd. of page 10) 14.3 Transport hazard class(es) **ADR** Class 8 (C7) Corrosive substances. Label IMDG, IATA 8 Corrosive substances. **Class** Label 14.4 Packing group ADR, IMDG, IATA 14.5 Environmental hazards: Not applicable. 14.6 Special precautions for user Warning: Corrosive substances. Danger code (Kemler): **EMS Number:** F-A,S-B Segregation groups Alkalis **Stowage Category Segregation Code** SG35 Stow "separated from" acids. 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable. **Transport/Additional information: ADR** Limited quantities (LQ) **Excepted quantities (EQ)** Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g **Transport category Tunnel restriction code** Ε Limited quantities (LQ) 5L **Excepted quantities (EQ)** Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g

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UN "Model Regulation":

UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (POLYOXYPROPYLENEDIAMINE, N-AMINOETHYLPIPERAZINE), 8, III

SECTION 15: Regulatory information

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

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

Regulation (EU) I	No 649/2012	
CAS: 84852-15-3	4-nonylphenol, branched	Annex I Part 1
		Annex I Part 2

National regulations

Other regulations, limitations and prohibitive regulations

Medical check-ups

CAS: 84852-15-3 4-nonylphenol, branched

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.

H311 Toxic in contact with skin.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H331 Toxic if inhaled.

H332 Harmful if inhaled.

H341 Suspected of causing genetic defects.

H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

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.

H412 Harmful to aquatic life with long lasting effects.

Department issuing SDS: R&D Department of Weber-Middle East

Contact:

Product Safety T+97125509449

e-mail: DL-weber.productSafety-ME@Saint-gobain.com

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Abbreviations and acronyms:

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. 3: Acute toxicity – Category 3 Acute Tox. 4: Acute toxicity – Category 4

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

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

Skin Sens. 1: Skin sensitisation – Category 1 Muta. 2: Germ cell mutagenicity – Category 2 Repr. 2: Reproductive toxicity – Category 2

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

* Data compared to the previous version altered.