

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 05.05.2023

Version number 1

Revision: 22.08.2019

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

1.1 Product identifier**Trade name** weberep epo 420 SC Part B**Safety data sheet no.:** XXP014705-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

F +962 6 420 0418

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 Area P.O. Box 31320 Dubai - U.A.E.

T +971 4 347 2640

F +971 4 340 3420

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

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F +966 12 668 1498

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SODAMCO Industrial Co. for Construction Chemicals W.L.L (Riyadh Office)
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: 00971 4 347 2640 / 00971 2 550 9994

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.



GHS07

STOT SE 3 H335 May cause respiratory irritation.

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:

Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-2-aminoethanol

Hazard statements

H314 Causes severe skin burns and eye damage.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

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Precautionary 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.
 P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing 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 Mixtures

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

Dangerous components:

CAS: 9046-10-0 EC number: 618-561-0 Reg.nr.: 01-2119557899-12-xxxx	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)- ⚠ Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Chronic 3, H412	50-75%
CAS: 90-72-2 EINECS: 202-013-9 Index number: 603-069-00-0 Reg.nr.: 01-2119560597-27-xxxx	2,4,6-tris(dimethylaminomethyl)phenol ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319	10-20%
CAS: 141-43-5 EINECS: 205-483-3 Index number: 603-030-00-8 Reg.nr.: 01-2119486455-28-xxxx	2-aminoethanol ⚠ Skin Corr. 1B, H314; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332 Specific concentration limit: STOT SE 3; H335: C ≥ 5 %	5%

SVHC Void

Additional information For the wording of the listed hazard phrases refer to section 16.

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SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Remove the victim immediately from the danger area. If the patient is unwell consult a doctor and present this data sheet.

Immediately remove any clothing soiled by the product.

After inhalation Supply fresh air; consult doctor in case of complaints.

After skin contact

Immediately wash with water and soap and rinse thoroughly.

Seek immediate medical advice.

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.

Rinse out mouth with water. Do not induce vomiting. Seek medical attention and present this data sheet.

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

Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon dioxide (CO₂)

Carbon monoxide (CO)

Nitrogen oxides (NO_x)

5.3 Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Mouth respiratory protective device.

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6.2 Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.
Do not allow product to reach sewage system or any water course.
Do not allow to enter sewers/ surface or ground water.

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 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

Store in cool, dry place in tightly closed receptacles.
Ensure good ventilation/exhaustion at the workplace.
Keep away from heat and direct sunlight.

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 in a cool location.
Store only in the original receptacle.
Ensure sufficient ventilation for storage and work areas.

Information about storage in one common storage facility:

Do not store together with acids.
Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.

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:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELs

CAS: 9046-10-0 Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-

Dermal	Derived No Effect Level	2.5 mg/kgxday (worker systemic long term value)
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Inhalative	Derived No Effect Level	5.29 mg/m ³ (worker systemic long term value)
CAS: 90-72-2 2,4,6-tris(dimethylaminomethyl)phenol		
Oral	Derived No Effect Level	0.075 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	0.15 mg/kgxday (worker systemic long term value) 0.075 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	0.53 mg/m ³ (worker systemic long term value) 0.13 mg/m ³ (consumer systemic long term value)
CAS: 141-43-5 2-aminoethanol		
Dermal	Derived No Effect Level	1.5 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	1 mg/m ³ (worker systemic long term value)

CAS No. / Designation of material / % / Type / Value / Unit

CAS: 141-43-5 2-aminoethanol	
IOELV (European Union)	Short-term value: 7.6 mg/m ³ , 3 ppm Long-term value: 2.5 mg/m ³ , 1 ppm Skin
AGW (Germany)	Long-term value: 0.5 mg/m ³ , 0.2 ppm 1(I);DFG, EU, H, Y, Sh, 11
GV (Denmark)	Short-term value: 7.6 mg/m ³ , 3 ppm Long-term value: 2.5 mg/m ³ , 1 ppm EH
LEP (Spain)	Short-term value: 7.5 mg/m ³ , 3 ppm Long-term value: 2.5 mg/m ³ , 1 ppm vía dérmica, VLI
TWA (Italy)	Short-term value: 15 mg/m ³ , 6 ppm Long-term value: 7.5 mg/m ³ , 3 ppm
VL (Italy)	Short-term value: 7.6 mg/m ³ , 3 ppm Long-term value: 2.5 mg/m ³ , 1 ppm Cute
VLE (Portugal)	Short-term value: 6 ppm Long-term value: 3 ppm Irritação ocular e cutânea
OEL (Sweden)	Short-term value: 7.5 mg/m ³ , 3 ppm Long-term value: 2.5 mg/m ³ , 1 ppm H
HTP (Finland)	Short-term value: 7.6 mg/m ³ , 3 ppm Long-term value: 2.5 mg/m ³ , 1 ppm iho

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 section 7.

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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.

Do not inhale dust / smoke / mist.

Use a moisturising skin cream after processing the product.

Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation.

Hand protection Protective gloves.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a 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.

Butyl rubber, BR

Nitrile rubber, NBR

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

Colour: According to product specification

Odour: Uncharacteristic.

Odour threshold: Not determined.

Melting point/freezing point: Undetermined.

Boiling point or initial boiling point and boiling range Undetermined.

Flammability Not applicable.

Lower and upper explosion limit

Lower: Not determined.

Upper: Not determined.

Flash point: Not applicable

Auto-ignition temperature: Not determined.

Decomposition temperature: Not determined.

pH Not applicable.

Viscosity:

Kinematic viscosity Not determined.

Kinematic viscosity

dynamic: Not determined.

Solubility

Water: Not miscible or difficult to mix

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Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not determined.
Vapour pressure:	
Density and/or relative density	
Density:	Not determined
Relative density	Not determined.
Bulk density:	Not applicable.
Vapour density	Not determined.

9.2 Other information

Appearance:	
Form:	Liquid
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Product is not self-igniting.
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.
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

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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 Reacts with acids

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products:

Carbon monoxide

Carbon dioxide

Ammonia

Aldehyde

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: 9046-10-0 Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-				
Oral	LD50		>2,885 mg/kg	(Rat)
Dermal	LD50		>2,980 mg/kg	(Rabbit)
CAS: 90-72-2 2,4,6-tris(dimethylaminomethyl)phenol				
Oral	LD50		2,169 mg/kg	(Rat)
CAS: 141-43-5 2-aminoethanol				
Oral	LD50		2,050 mg/kg	(Rat)
Dermal	LD50		2,504 mg/kg	(rbt)
Inhalative	LC50/4 h		1,487 mg/l	(Rat)

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Causes serious eye damage.

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

STOT-single exposure

May cause respiratory irritation.

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.

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11.2 Information on other hazards**Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity**Aquatic toxicity:** Harmful to aquatic life with long lasting effects (H412).**Type of test / Effective concentration / Method / Assessment**

CAS: 9046-10-0 Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-

LC50/96h 772.14 mg/l (Fish) (OECD 203, static)

EC50/48h 80-418.34 mg/l (Daphnia magna)

EC50/96h 15 mg/l (Fish)

EC50/72h 2.1-15 mg/l (Algae)

CAS: 90-72-2 2,4,6-tris(dimethylaminomethyl)phenol

LC50/96h 100 mg/l (Fish)

EC50/48h 100 mg/l (Daphnia magna)

EC50/72h 46.7 mg/l (Algae)

CAS: 141-43-5 2-aminoethanol

EC50/48h 27-65 mg/l (Daphnia magna)

12.2 Persistence and degradability No further relevant information available.**Method**

CAS: 9046-10-0 Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-

Biod. (28 days) 0 % (Biodegradation)

Behaviour in environmental systems:**Components:**

CAS: 9046-10-0 Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-

DT50-value (Degradation Half Time) 365 day

12.3 Bioaccumulative potential

CAS: 9046-10-0 Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-

EBAB 1.34 log Pow (Bioaccumulation)

12.4 Mobility in soil No further relevant information available.**12.5 Results of PBT and vPvB assessment****PBT:** Does not contain PBT substances.**vPvB:** Does not contain vPvB substances.

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12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects

Remark: Harmful to fish

Behaviour in sewage processing plants:

Type of test / Effective concentration / Method / Assessment	
CAS: 9046-10-0 Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-	
EC 50 (3h)	750 mg/l (Activated sludge)

Additional ecological information:

General notes:

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

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Harmful to aquatic organisms

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Dispose of the product in accordance with national and local regulations.

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

European waste catalogue	
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
HP8	Corrosive
HP13	Sensitising
HP14	Ecotoxic

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN number or ID number ADR, IMDG, IATA	UN1719
14.2 UN proper shipping name ADR	1719 CAUSTIC ALKALI LIQUID, N.O.S. (POLYOXYPROPYLENEDIAMINE)

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IMDG, IATA	CAUSTIC ALKALI LIQUID, N.O.S. (POLYOXYPROPYLENEDIAMINE)
14.3 Transport hazard class(es)	
ADR	
	
Class	8 (C5) Corrosive substances.
Label	8
IMDG, IATA	
	
Class	8 Corrosive substances.
Label	8
14.4 Packing group	
ADR, IMDG, IATA	II
14.5 Environmental hazards:	Not applicable.
14.6 Special precautions for user	Warning: Corrosive substances.
Hazard identification number (Kemler code):	80
EMS Number:	F-A,S-B
Segregation groups	(SGG18) Alkalis
Stowage Category	A
Segregation Code	SG22 Stow "away from" ammonium salts SG35 Stow "separated from" SGG1-acids
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
Transport category	2
Tunnel restriction code	E

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IMDG

Limited quantities (LQ)

1L

Excepted quantities (EQ)

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

UN "Model Regulation":

UN 1719 CAUSTIC ALKALI LIQUID, N.O.S.
(POLYOXYPROPYLENEDIAMINE), 8, II

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)

Labelling according to Regulation (EC) No 1272/2008 cf. section 2

Directive 2012/18/EU

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

Seveso category Hazardous to the Aquatic Environment

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

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

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relationship.

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

Relevant phrases

The following list of relevant hazard statements is the full text of hazard statements mentioned elsewhere in this safety data sheet (in particular in the section 3) and is reported as required by the Regulation (EC) No 1907/2006 (REACH), Annex II, and the following amendments (Regulation (EU) 2020/878). The statements mentioned here do not refer to the product itself, but refer to the individual ingredients in the products, and are provided for information.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H412 Harmful to aquatic life with long lasting effects.

Classification according to Regulation (EC) No 1272/2008

Skin corrosion/irritation
 Serious eye damage/irritation
 Specific target organ toxicity (single exposure)
 Hazardous to the aquatic environment - long-term (chronic) aquatic hazard

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

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

Contact:

Product Safety

T+97125509449

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

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

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 Corr. 1C: Skin corrosion/irritation – Category 1C

Skin Irrit. 2: Skin corrosion/irritation – Category 2

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

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

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Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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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