

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 23.05.2023

Version number 1

Revision: 05.05.2023

### 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

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 AreaP.O. Box 31320Dubai - 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

F +966 12 668 1498

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

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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. 1C H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.



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.

#### Hazard pictograms



GHS05 GHS07

Signal word Danger

#### Hazard-determining components of labelling:

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

2,4,6-tris(dimethylaminomethyl)phenol

2,2'-iminodi(ethylamine)

2-aminoethanol

2-methyl-2H-isothiazol-3-one

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**Hazard statements**

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

**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.

P273 Avoid release to the environment.

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.

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: 471-34-1 EINECS: 207-439-9 Reg.nr.: 01-2119486795-18-xxxx	calcium carbonate substance with a Community workplace exposure limit	50-75%
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	5-10%
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 ⚠ Skin Corr. 1C, H314; Eye Dam. 1, H318; ⚠ Skin Sens. 1, H317	1-2%

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CAS: 111-40-0 EINECS: 203-865-4 Index number: 612-058-00-X Reg.nr.: 01-2119473793-27-xxxx	2,2'-iminodi(ethylamine) ⚠ Skin Corr. 1B, H314; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317	1-2%
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 %	1%
CAS: 2682-20-4 EINECS: 220-239-6 Index number: 613-326-00-9 Reg.nr.: 01-2120764690-50-xxxx	2-methyl-2H-isothiazol-3-one ⚠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); ⚠ Skin Sens. 1A, H317, EUH071 Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.0015 %	<0.0015%

**SVHC** Void

**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

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).

Seek immediate medical advice.

**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

No further relevant information available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing agents

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**For safety reasons unsuitable extinguishing agents** Water with full jet

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**5.2 Special hazards arising from the substance or mixture**

In case of fire, the following can be released:

Carbon dioxide (CO<sub>2</sub>)

Carbon monoxide (CO)

Nitrogen oxides (NO<sub>x</sub>)**5.3 Advice for firefighters****Protective equipment:** Mouth respiratory protective device.**Additional information**

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

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:**

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.

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**

Ensure good ventilation/exhaustion at the workplace.

Store in cool, dry place in tightly closed receptacles.

**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 unopened original receptacles.

Provide floor trough without outlet.

**Information about storage in one common storage facility:** Store away from foodstuffs.**Further information about storage conditions:** Keep container tightly sealed.**7.3 Specific end use(s)** No further relevant information available.

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### 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		
<b>CAS: 471-34-1 calcium carbonate</b>		
Inhalative	Derived No Effect Level	6.36 mg/m <sup>3</sup> (worker local long term value) 1.06 mg/m <sup>3</sup> (consumer local long term value)
<b>CAS: 9046-10-0 Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-</b>		
Dermal	Derived No Effect Level	2.5 mg/kgxday (worker systemic long term value)
Inhalative	Derived No Effect Level	5.29 mg/m <sup>3</sup> (worker systemic long term value)
<b>CAS: 90-72-2 2,4,6-tris(dimethylaminomethyl)phenol</b>		
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 <sup>3</sup> (worker systemic long term value) 0.13 mg/m <sup>3</sup> (consumer systemic long term value)
<b>CAS: 111-40-0 2,2'-iminodi(ethylamine)</b>		
Dermal	Derived No Effect Level	11.4 mg/kgxday (worker systemic long term value) 4.88 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	15.4 mg/m <sup>3</sup> (worker systemic long term value) 4.6 mg/m <sup>3</sup> (consumer systemic long term value)
<b>CAS: 141-43-5 2-aminoethanol</b>		
Dermal	Derived No Effect Level	1.5 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	1 mg/m <sup>3</sup> (worker systemic long term value)
<b>CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one</b>		
Oral	Derived No Effect Level	0.027 mg/kgxday (consumer local long term value)
Inhalative	Derived No Effect Level	0.021 mg/m <sup>3</sup> (worker local long term value) 0.021 mg/m <sup>3</sup> (consumer local long term value)
PNECs		
<b>CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one</b>		
Predicted No-Effect Concentration		0.0471 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration		0.00339 mg/l (sea water rating factor) 0.00339 mg/l (fresh water rating factor)
CAS No. / Designation of material / % / Type / Value / Unit		
<b>CAS: 471-34-1 calcium carbonate</b>		
LEP (Spain)		Long-term value: 10 mg/m <sup>3</sup>

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TWA (Italy)	Long-term value: (10) mg/m <sup>3</sup> (e)
VLE (Portugal)	Long-term value: (10) mg/m <sup>3</sup> (Irritação)

#### CAS: 111-40-0 2,2'-iminodi(ethylamine)

MAK (Germany)	vgl.Abschn.IV
GV (Denmark)	Short-term value: 8 mg/m <sup>3</sup> , 2 ppm Long-term value: 4 mg/m <sup>3</sup> , 1 ppm H
LEP (Spain)	Long-term value: 4.3 mg/m <sup>3</sup> , 1 ppm vía dérmica, Sen
TWA (Italy)	Long-term value: 4.2 mg/m <sup>3</sup> , 1 ppm Cute
VLE (Portugal)	Long-term value: 1 ppm P; Irritação ocular e do TRS
OEL (Sweden)	Short-term value: 10 mg/m <sup>3</sup> , 2 ppm Long-term value: 4.5 mg/m <sup>3</sup> , 1 ppm H, S, V
HTP (Finland)	Short-term value: 13 mg/m <sup>3</sup> , 3 ppm Long-term value: 4.3 mg/m <sup>3</sup> , 1 ppm iho

#### CAS: 141-43-5 2-aminoethanol

IOELV (European Union)	Short-term value: 7.6 mg/m <sup>3</sup> , 3 ppm Long-term value: 2.5 mg/m <sup>3</sup> , 1 ppm Skin
AGW (Germany)	Long-term value: 0.5 mg/m <sup>3</sup> , 0.2 ppm 1(I);DFG, EU, H, Y, Sh, 11
GV (Denmark)	Short-term value: 7.6 mg/m <sup>3</sup> , 3 ppm Long-term value: 2.5 mg/m <sup>3</sup> , 1 ppm EH
LEP (Spain)	Short-term value: 7.5 mg/m <sup>3</sup> , 3 ppm Long-term value: 2.5 mg/m <sup>3</sup> , 1 ppm vía dérmica, VLI
TWA (Italy)	Short-term value: 15 mg/m <sup>3</sup> , 6 ppm Long-term value: 7.5 mg/m <sup>3</sup> , 3 ppm
VL (Italy)	Short-term value: 7.6 mg/m <sup>3</sup> , 3 ppm Long-term value: 2.5 mg/m <sup>3</sup> , 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 <sup>3</sup> , 3 ppm Long-term value: 2.5 mg/m <sup>3</sup> , 1 ppm H
HTP (Finland)	Short-term value: 7.6 mg/m <sup>3</sup> , 3 ppm Long-term value: 2.5 mg/m <sup>3</sup> , 1 ppm iho

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**CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one**

MAK (Germany)

Long-term value: 0.2 E mg/m<sup>3</sup>  
vgl. Abschn. Xc

**Additional Occupational Exposure Limit Values for possible hazards during processing:**

Quartz respirable dust (< 5 µm) : 0,15 mg/m<sup>3</sup>

**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.

**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:**

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.

Filter A2/P2.

**Hand protection**

Only use chemical-protective gloves with CE-labelling of category III.

To minimise the wetness in the glove due to perspiration changing of gloves during a shift is required.

Check the permeability prior to each renewed use of the glove.

Preventive skin protection by use of skin-protecting agents is recommended.

**Material of gloves**

Nitrile rubber, NBR

Fluorocarbon rubber (FKM-Viton)

PVC 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.

**Penetration time of glove material**

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

**As protection from splashes gloves made of the following materials are suitable:** PVC gloves

**Not suitable are gloves made of the following materials:** Leather gloves

**Eye/face protection** Tightly sealed goggles

**Body protection:** Protective work clothing.

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### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

##### General Information

<b>Colour:</b>	Black
<b>Odour:</b>	Uncharacteristic.
<b>Odour threshold:</b>	Not determined.
<b>Melting point/freezing point:</b>	Undetermined.
<b>Boiling point or initial boiling point and boiling range</b>	Undetermined.
<b>Flammability</b>	Not applicable.
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Flash point:</b>	Not applicable
<b>Auto-ignition temperature:</b>	Not determined.
<b>Decomposition temperature:</b>	Not determined.
<b>pH</b>	Not applicable.
<b>Viscosity:</b>	
<b>Kinematic viscosity</b>	Not determined.
<b>Kinematic viscosity dynamic:</b>	Not determined.
<b>Solubility</b>	
<b>Water:</b>	Not miscible or difficult to mix
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>Vapour pressure:</b>	Not determined.
<b>Density and/or relative density</b>	
<b>Density at 20 °C:</b>	1.57 g/cm <sup>3</sup>
<b>Relative density</b>	Not determined.
<b>Bulk density:</b>	Not applicable.
<b>Vapour density</b>	Not determined.

#### 9.2 Other information

<b>Appearance:</b>	
<b>Form:</b>	Pasty
<b>Important information on protection of health and environment, and on safety.</b>	
<b>Ignition temperature:</b>	Product is not self-igniting.
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Minimum ignition energy</b>	
<b>Solvent separation test:</b>	Not determined
<b>Change in condition</b>	
<b>Softening point/range</b>	
<b>Oxidising properties</b>	Not determined.
<b>Evaporation rate</b>	Not determined.

#### Information with regard to physical hazard

<b>classes</b>	
<b>Explosives</b>	Void

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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** 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, alkalis and oxidizing agents

**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
<b>CAS: 471-34-1 calcium carbonate</b>			
Oral	LD50	6,450 mg/kg	(Rat)
Dermal	LD50	6,450 mg/kg	(Rat)
<b>CAS: 9046-10-0 Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-</b>			
Oral	LD50	>2,885 mg/kg	(Rat)

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Dermal	LD50	>2,980 mg/kg (Rabbit)
<b>CAS: 90-72-2 2,4,6-tris(dimethylaminomethyl)phenol</b>		
Oral	LD50	2,169 mg/kg (Rat)
<b>CAS: 111-40-0 2,2'-iminodi(ethylamine)</b>		
Oral	LD50	1,080 mg/kg (Rat)
Dermal	LD50	1,090 mg/kg (Rabbit)
<b>CAS: 141-43-5 2-aminoethanol</b>		
Oral	LD50	2,050 mg/kg (Rat)
Dermal	LD50	2,504 mg/kg (rbt)
Inhalative	LC50/4 h	1,487 mg/l (Rat)
<b>CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one</b>		
Oral	LD50	120 mg/kg (Rat)
Dermal	LD50	242 mg/kg (Rat)
Inhalative	LC50/4 h	0.34 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**

May cause an allergic skin reaction.

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

None of the ingredients is listed.

## SECTION 12: Ecological information

**12.1 Toxicity****Aquatic toxicity:** Toxic to aquatic life with long lasting effects.**Type of test / Effective concentration / Method / Assessment****CAS: 471-34-1 calcium carbonate**

EC50/72h 14 mg/l (Algae)

**CAS: 9046-10-0 Poly[oxy(methyl-1,2-ethanediy)], .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)

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<b>CAS: 90-72-2 2,4,6-tris(dimethylaminomethyl)phenol</b>	
LC50/96h	100 mg/l (Fish)
EC50/48h	100 mg/l (Daphnia magna)
EC50/72h	46.7 mg/l (Algae)
<b>CAS: 111-40-0 2,2'-iminodi(ethylamine)</b>	
LC50/96h	430 mg/l (Fish)
EC50/48h	5.6 mg/l (Daphnia magna)
EC50/72h	1,164 mg/l (Scenedesmus subspicatus (Algae))
<b>CAS: 141-43-5 2-aminoethanol</b>	
EC50/48h	27-65 mg/l (Daphnia magna)
<b>CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one</b>	
LC50/48h	0.934 mg/l (Daphnia magna)
	6.2 mg/l (Fish)
LC50/96h	1.81 mg/l (Daphnia magna)
	4.77 mg/l (Fish)
EC50/24h	1.7 mg/l (Daphnia magna)
	0.445 mg/l (Algae)
EC50/48h	1.6 mg/l (Daphnia magna)
EC50/96h	0.0725 mg/l (Algae)
NOEC (21d)	0.042 mg/l (Daphnia magna)
EC 10/16h	1 mg/l (Activated sludge)

**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.

### 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

### 12.7 Other adverse effects

**Remark:** Harmful to fish

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EUG

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**Behaviour in sewage processing plants:**

Type of test / Effective concentration / Method / Assessment	
<b>CAS: 9046-10-0 Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-</b>	
EC 50 (3h)	750 mg/l (Activated sludge)
<b>CAS: 111-40-0 2,2'-iminodi(ethylamine)</b>	
EC 50 (3h)	32.7 mg/l (Activated sludge)
<b>CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one</b>	
EC 50 (3h)	41 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
HP14	Ecotoxic

**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

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

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**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

**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

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**UN "Model Regulation":**UN 1719 CAUSTIC ALKALI LIQUID, N.O.S.  
(POLYOXYPROPYLENEDIAMINE,  
DIETHYLENETRIAMINE), 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

E2 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 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

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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.

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.  
 H330 Fatal if inhaled.  
 H332 Harmful if inhaled.  
 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.  
 EUH071 Corrosive to the respiratory tract.

#### Classification according to Regulation (EC) No 1272/2008

Skin corrosion/irritation Serious eye damage/irritation Skin sensitisation	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.
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**Department issuing SDS:** R&D Department of Weber-Middle East

**Contact:**

Product Safety  
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**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)  
 PNEC: Predicted No-Effect Concentration (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  
 Acute Tox. 2: Acute toxicity – Category 2  
 Skin Corr. 1B: Skin corrosion/irritation – Category 1B  
 Skin Corr. 1C: Skin corrosion/irritation – Category 1C  
 Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
 Skin Sens. 1: Skin sensitisation – Category 1  
 Skin Sens. 1A: Skin sensitisation – Category 1A  
 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.**

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.