

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 10.01.2023

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 412 CRY plus (I) 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

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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)

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

(Contd. on page 2)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 10.01.2023

Version number 1

Revision: 22.08.2019

Trade name weberep epo 412 CRY plus (I) Part B

(Contd. of page 1)

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

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:

3-aminomethyl-3,5,5-trimethylcyclohexylamine

2-piperazin-1-ylethylamine

2,4,6-tris(dimethylaminomethyl)phenol

2,2'-iminodi(ethylamine)

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

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

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.

(Contd. on page 3)

EUG

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 10.01.2023

Version number 1

Revision: 22.08.2019

Trade name weberep epo 412 CRY plus (I) Part B

(Contd. of page 2)

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.

Determination of endocrine-disrupting properties

CAS: 84852-15-3 Phenol, 4-nonyl-, branched

List I

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: 14808-60-7 EINECS: 238-878-4 | Silicon dioxide (Quartz sand) substance with a Community workplace exposure limit | 5-10% |
| 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, H332 | 2-5% |
| 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; Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1A, H317 ATE: LD50 oral: 1,030 mg/kg Specific concentration limit: Skin Sens. 1A; H317:C ≥ 0.001 % | ≥3-<5% |
| 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% |

(Contd. on page 4)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 10.01.2023

Version number 1

Revision: 22.08.2019

Trade name weberep epo 412 CRY plus (I) Part B

| | | |
|--|--|-------------|
| (Contd. of page 3) | | |
| CAS: 140-31-8 EINECS: 205-411-0 Index number: 612-105-00-4 Reg.nr.: 01-2119471486-30-xxxx | 2-piperazin-1-ylethylamine ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317; Aquatic Chronic 3, H412 | 1-2% |
| 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 | ≥0.1-<1% |
| CAS: 84852-15-3 EINECS: 284-325-5 Index number: 601-053-00-8 Reg.nr.: 01-2119510715-45-xxxx | Phenol, 4-nonyl-, branched ⚠ Repr. 2, H361fd; ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=10); ⚠ Acute Tox. 4, H302 | ≥0.1-<0.25% |
| 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 Specific concentration limit: Skin Sens. 1A; H317:C ≥ 0.0015 % | <0.0015% |

SVHC

CAS: 84852-15-3 Phenol, 4-nonyl-, 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

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.

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.

EUG

(Contd. on page 5)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 10.01.2023

Version number 1

Revision: 22.08.2019

Trade name weberep epo 412 CRY plus (I) Part B

(Contd. of page 4)

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.

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 point 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.

EUG

(Contd. on page 6)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 10.01.2023

Version number 1

Revision: 22.08.2019

Trade name weberep epo 412 CRY plus (I) Part B

(Contd. of page 5)

SECTION 8: Exposure controls/personal protection

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/m ³ (worker local long term value) |
| | | 1.06 mg/m ³ (consumer local long term value) |

CAS: 100-51-6 Benzyl alcohol

| | | |
|------------|-------------------------|---|
| Oral | Derived No Effect Level | 4 mg/kgxday (consumer systemic long term value) |
| Dermal | Derived No Effect Level | 8 mg/kgxday (worker systemic long term value) |
| | | 4 mg/kgxday (consumer systemic long term value) |
| Inhalative | Derived No Effect Level | 22 mg/m ³ (worker systemic long term value) |
| | | 5.4 mg/m ³ (consumer systemic long term value) |

CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine

| | | |
|------------|-------------------------|---|
| Oral | Derived No Effect Level | 0.526 mg/kgxday (consumer systemic long term value) |
| Inhalative | Derived No Effect Level | 0.073 mg/m ³ (worker local short term value) |
| | | 0.073 mg/m ³ (worker local 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: 111-40-0 2,2'-iminodi(ethylamine)

| | | |
|------------|-------------------------|---|
| 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 ³ (worker systemic long term value) |
| | | 4.6 mg/m ³ (consumer systemic long term value) |

CAS: 84852-15-3 Phenol, 4-nonyl-, branched

| | | |
|------------|-------------------------|---|
| Oral | Derived No Effect Level | 0.08 mg/kgxday (consumer systemic long term value) |
| Dermal | Derived No Effect Level | 7.5 mg/kgxday (worker systemic long term value) |
| | | 3.8 mg/kgxday (consumer systemic long term value) |
| Inhalative | Derived No Effect Level | 0.5 mg/m ³ (worker systemic long term value) |
| | | 0.4 mg/m ³ (consumer systemic long term value) |

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

| | | |
|------------|-------------------------|--|
| Oral | Derived No Effect Level | 0.027 mg/kgxday (consumer local long term value) |
| Inhalative | Derived No Effect Level | 0.021 mg/m ³ (worker local long term value) |
| | | 0.021 mg/m ³ (consumer local long term value) |

PNECs

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

| | |
|-----------------------------------|--|
| Predicted No-Effect Concentration | 0.0471 mg/kgxdwt (earth rating factor) |
|-----------------------------------|--|

(Contd. on page 7)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 10.01.2023

Version number 1

Revision: 22.08.2019

Trade name weberep epo 412 CRY plus (I) Part B

(Contd. of page 6)

| | |
|-----------------------------------|--|
| 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

CAS: 471-34-1 calcium carbonate

| | |
|----------------|--|
| LEP (Spain) | Long-term value: 10 mg/m ³ |
| TWA (Italy) | Long-term value: (10) mg/m ³ (e) |
| VLE (Portugal) | Long-term value: (10) mg/m ³ (Irritação) |

CAS: 14808-60-7 Silicon dioxide (Quartz sand)

| | |
|------------------------|--|
| BOELV (European Union) | Long-term value: 0.1* mg/m ³ *respirable fraction |
| MAK (Germany) | Long-term value: 0.05 mg/m ³ alveolengängige Fraktion |
| GV (Denmark) | Short-term value: 0.6* 0.2** mg/m ³ Long-term value: 0.3* 0.1** mg/m ³ *total; **total, respirabel, EK |
| LEP (Spain) | Long-term value: 0.05 mg/m ³ *Fracción resp:n,d,y |
| TWA (Italy) | Long-term value: 0.025 mg/m ³ A2, (j) |
| VLE (Portugal) | Long-term value: 0.05 mg/m ³ Resp.;A2; fibrose pulmonar; cancro do pulmão |
| OEL (Sweden) | Long-term value: 0.1 mg/m ³ C, M, respirabel fraktion |
| HTP (Finland) | Long-term value: 0.05 0.1* mg/m ³ alveolijae;*sitovat raja-arvot, pöly |

CAS: 100-51-6 Benzyl alcohol

| | |
|---------------|---|
| AGW (Germany) | Long-term value: 22 mg/m ³ , 5 ppm 2(I);DFG, H, Y, 11 |
| HTP (Finland) | Long-term value: 45 mg/m ³ , 10 ppm |

CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine

| | |
|---------------|--------------------------------------|
| MAK (Germany) | als Dampf und Aerosol;vgl.Abschn.IIb |
|---------------|--------------------------------------|

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

| | |
|---------------|--|
| MAK (Germany) | vgl.Abschn.IV |
| GV (Denmark) | Short-term value: 8 mg/m ³ , 2 ppm Long-term value: 4 mg/m ³ , 1 ppm H |
| LEP (Spain) | Long-term value: 4.3 mg/m ³ , 1 ppm vía dérmica, Sen |
| TWA (Italy) | Long-term value: 4.2 mg/m ³ , 1 ppm Cute |

(Contd. on page 8)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 10.01.2023

Version number 1

Revision: 22.08.2019

Trade name weberep epo 412 CRY plus (I) Part B

(Contd. of page 7)

| | |
|--|---|
| VLE (Portugal) | Long-term value: 1 ppm P; Irritação ocular e do TRS |
| OEL (Sweden) | Short-term value: 10 mg/m ³ , 2 ppm Long-term value: 4.5 mg/m ³ , 1 ppm H, S, V |
| HTP (Finland) | Short-term value: 13 mg/m ³ , 3 ppm Long-term value: 4.3 mg/m ³ , 1 ppm iho |
| CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one | |
| MAK (Germany) | Long-term value: 0.2 E mg/m ³ vgl. Abschn. Xc |

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
Appropriate engineering controls No further data; see item 7.

Individual protection measures, such as personal protective equipment
General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Avoid contact with the eyes and skin.

Respiratory protection: Not required.

Hand protection Protective gloves.

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: | Dark brown |
| Odour: | Uncharacteristic. |
| Odour threshold: | Not determined. |
| Melting point/freezing point: | Undetermined. |
| Boiling point or initial boiling point and boiling range | Undetermined. |
| Flammability | Product is not flammable. |
| Lower and upper explosion limit | |
| Lower: | Not determined. |
| Upper: | Not determined. |
| Flash point: | Not applicable |
| Ignition temperature: | Not determined. |
| Decomposition temperature: | Not determined. |
| pH | Not applicable. |

(Contd. on page 9)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 10.01.2023

Version number 1

Revision: 22.08.2019

Trade name weberep epo 412 CRY plus (I) Part B

(Contd. of page 8)

| | |
|--|------------------------------------|
| Viscosity: | |
| Kinematic viscosity | Not applicable. |
| dynamic: | Not applicable. |
| Solubility | |
| Water: | Insoluble |
| Partition coefficient n-octanol/water (log value) | Not determined. |
| Vapour pressure: | Not applicable. |
| Density and/or relative density | |
| Density at 20 °C: | 1.78 g/cm ³ (DIN 51757) |
| Relative density | Not determined. |
| Vapour density | Not applicable. |
| Particle characteristics | See item 3. |

9.2 Other information

| | |
|--|---|
| Appearance: | |
| Form: | Pasty |
| Important information on protection of health and environment, and on safety. | |
| Auto-ignition temperature: | Product is not self-igniting. |
| Explosive properties: | Product does not present an explosion hazard. |
| EU-VOC (%) | 2.67 % |
| EU-VOC (g/L) | 41.9 g/l |
| Solids content: | 100.0 % |
| Change in condition | |
| Softening point/range | |
| Oxidising properties | Not determined. |
| Evaporation rate | Not applicable. |

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 |

(Contd. on page 10)

EUG

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 10.01.2023

Version number 1

Revision: 22.08.2019

Trade name weberep epo 412 CRY plus (I) Part B

(Contd. of page 9)

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 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 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: 471-34-1 calcium carbonate | | | | |
| Oral | LD50 | 6,450 mg/kg (Rat) | | |
| Dermal | LD50 | 6,450 mg/kg (Rat) | | |
| CAS: 100-51-6 Benzyl alcohol | | | | |
| Oral | LD50 | 1,620 mg/kg (Rat) | | |
| Dermal | LD50 | >2,000 mg/kg (Rabbit) | | |
| Inhalative | LC50/4 h | >4.178 mg/l (Rat) | | |
| CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine | | | | |
| Oral | LD50 | 1,030 mg/kg (ATE) | | |
| | | 1,030 mg/kg (Rat) | | |
| Dermal | LD50 | 2,000 mg/kg (Rat) | | |
| CAS: 90-72-2 2,4,6-tris(dimethylaminomethyl)phenol | | | | |
| Oral | LD50 | 2,169 mg/kg (Rat) | | |
| CAS: 140-31-8 2-piperazin-1-ylethylamine | | | | |
| Oral | LD50 | 2,140 mg/kg (Rat) | | |
| Dermal | LD50 | 880 mg/kg (Rabbit) | | |
| CAS: 111-40-0 2,2'-iminodi(ethylamine) | | | | |
| Oral | LD50 | 1,080 mg/kg (Rat) | | |
| Dermal | LD50 | 1,090 mg/kg (Rabbit) | | |
| CAS: 84852-15-3 Phenol, 4-nonyl-, branched | | | | |
| Oral | LD50 | >1,650 mg/kg (Rat) | | |
| CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one | | | | |
| Oral | LD50 | 120 mg/kg (Rat) | | |

(Contd. on page 11)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 10.01.2023

Version number 1

Revision: 22.08.2019

Trade name weberep epo 412 CRY plus (I) Part B

(Contd. of page 10)

| | | |
|------------|----------|-----------------|
| 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

| | | |
|-----------------|----------------------------|--------|
| CAS: 84852-15-3 | Phenol, 4-nonyl-, branched | List I |
|-----------------|----------------------------|--------|

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 test / Effective concentration / Method / Assessment
CAS: 471-34-1 calcium carbonate

| | |
|----------|-----------------|
| EC50/72h | 14 mg/l (Algae) |
|----------|-----------------|

CAS: 100-51-6 Benzyl alcohol

| | |
|------------|--|
| LC50/48h | 260 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) |
| EC50/48h | 230 mg/l (Daphnia magna) |
| EC50/96h | 400 mg/l (Daphnia magna) |
| | 640 mg/l (Scenedesmus subspicatus (Algae)) |
| EC50/72h | 770 mg/l (Algae) |
| NOEC (72h) | 310 mg/l (Algae) |
| NOEC (21d) | 51-66 mg/l (Daphnia magna) |
| 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) |

(Contd. on page 12)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 10.01.2023

Version number 1

Revision: 22.08.2019

Trade name weberep epo 412 CRY plus (I) Part B

(Contd. of page 11)

| | |
|---|--|
| EC50/48h | 23 mg/l (Daphnia magna) |
| EC50/72h | 50 mg/l (Scenedesmus subspicatus (Algae)) |
| EC 10/18h | 1,120 mg/l (Pseudomonas putida (Bacteria)) |
| 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: 111-40-0 2,2'-iminodi(ethylamine) | |
| LC50/96h | 430 mg/l (Fish) |
| EC50/48h | 5.6 mg/l (Daphnia magna) |
| EC50/72h | 1,164 mg/l (Scenedesmus subspicatus (Algae)) |
| CAS: 84852-15-3 Phenol, 4-nonyl-, branched | |
| LC50/96h | >0.05-0.2 mg/l (Fish) |
| EC50/96h | >0.02-0.596 mg/l (Daphnia magna) |
| NOEC (21d) | >0.024 mg/l (Daphnia magna) |
| CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one | |
| 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.

12.3 Bioaccumulative potential

CAS: 100-51-6 Benzyl alcohol

EBAB 1.05 log Pow (Bioaccumulation)

CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine

EBAB 0.79 log Pow

CAS: 84852-15-3 Phenol, 4-nonyl-, branched

EBAB 5.4 log Pow

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

For information on endocrine disrupting properties see section 11.

(Contd. on page 13)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 10.01.2023

Version number 1

Revision: 22.08.2019

Trade name weberep epo 412 CRY plus (I) Part B

(Contd. of page 12)

12.7 Other adverse 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)) |
| CAS: 111-40-0 2,2'-iminodi(ethylamine) | |
| EC 50 (3h) | 32.7 mg/l (Activated sludge) |
| CAS: 84852-15-3 Phenol, 4-nonyl-, branched | |
| EC 50 (3h) | 950 mg/l (Activated sludge) |
| CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one | |
| EC 50 (3h) | 41 mg/l (Activated sludge) |

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

SECTION 13: Disposal considerations

13.1 Waste treatment methods

| European waste catalogue | |
|--------------------------|-----------|
| HP8 | Corrosive |
| HP14 | Ecotoxic |

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 or ID number | |
| ADR, IMDG, IATA | UN3259 |

(Contd. on page 14)

EUG

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 10.01.2023

Version number 1

Revision: 22.08.2019

Trade name weberep epo 412 CRY plus (I) Part B

(Contd. of page 13)

14.2 UN proper shipping name ADR

3259 AMINES, SOLID, CORROSIVE, N.O.S. (N-AMINOETHYLPIPERAZINE, ISOPHORONEDIAMINE)

IMDG, IATA

AMINES, SOLID, CORROSIVE, N.O.S. (N-AMINOETHYLPIPERAZINE, ISOPHORONEDIAMINE)

14.3 Transport hazard class(es)

ADR


Class
Label

8 (C8) Corrosive substances.
8

IMDG, IATA


Class
Label

8 Corrosive substances.
8

14.4 Packing group

ADR, IMDG, IATA

III

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

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)

5 kg

Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 g

Maximum net quantity per outer packaging: 1000 g

Transport category

3

Tunnel restriction code

E

(Contd. on page 15)

EUG

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 10.01.2023

Version number 1

Revision: 22.08.2019

Trade name weberep epo 412 CRY plus (I) Part B

(Contd. of page 14)

IMDG
Limited quantities (LQ)
Excepted quantities (EQ)

5 kg
Code: E1
Maximum net quantity per inner packaging: 30 g
Maximum net quantity per outer packaging: 1000 g

UN "Model Regulation":

UN 3259 AMINES, SOLID, CORROSIVE, N.O.S.
(N - A M I N O E T H Y L P I P E R A Z I N E ,
ISOPHORONEDIAMINE), 8, III

SECTION 15: Regulatory information

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

Regulation (EC) No 1907/2006 (REACH) (Candidate List, Annexes XIV and XVII)
Regulation (EC) No 1272/2008 (CLP)
Regulation (EU) 2020/878 (amending REACH Annex II on the compilation of safety data sheets)

Directive 2012/18/EU
Named dangerous substances - ANNEX I None of the ingredients is listed.

Regulation (EU) No 649/2012

| | |
|--|----------------------------------|
| CAS: 84852-15-3 Phenol, 4-nonyl-, branched | Annex I Part 1 Annex I Part 2 |
|--|----------------------------------|

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

REGULATION (EU) 2019/1148
Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

National regulations
Other regulations, limitations and prohibitive regulations
Substances of Very High Concern (SVHC) according to REACH, Article 57:

CAS: 84852-15-3 Phenol, 4-nonyl-, branched

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

EUG

(Contd. on page 16)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 10.01.2023

Version number 1

Revision: 22.08.2019

Trade name weberep epo 412 CRY plus (I) Part B

(Contd. of page 15)

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.
H330 Fatal if inhaled.
H332 Harmful if inhaled.
H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.
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.

Classification according to Regulation (EC) No 1272/2008

| | |
|---|--|
| Skin corrosion/irritation Serious eye damage/eye irritation Skin sensitisation 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)
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

(Contd. on page 17)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 10.01.2023

Version number 1

Revision: 22.08.2019

Trade name weberep epo 412 CRY plus (I) Part B

(Contd. of page 16)

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

Repr. 2: Reproductive toxicity – 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.**

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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