

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

Printing date 04.03.2020

Version number 1

Revision: 04.03.2020

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

1.1 Product identifierTrade name **Epsilone flow 450****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

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SODAMCO Qatar W.L.L.

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SODAMCO Muscat L.L.C.

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

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

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SODAMCO Industrial Co. for Construction Chemicals W.L.L (Riyadh Office)
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1.4 Emergency telephone number:

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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**

The product is not classified, according to the CLP regulation.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008** Void**Hazard pictograms** Void**Signal word** Void**Hazard statements** Void**Precautionary statements**

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

P102 Keep out of reach of children.

P103 Read label before use.

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

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

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P401 Store in accordance with local/regional/national/international regulations.

P403+P235 Store in a well-ventilated place. Keep cool.

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

Additional information:

EUH208 Contains 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

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2.3 Other hazards**Results of PBT and vPvB assessment****PBT:** Does not contain PBT substances.**vPvB:** Does not contain vPvB substances.**SECTION 3: Composition/information on ingredients****3.2 Chemical characterisation: Mixtures****Description:** Mixture of substances listed below with non hazardous additions.**Dangerous components:** Void**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.

After inhalation Supply fresh air; consult doctor in case of complaints.**After skin contact** Generally the product does not irritate the skin.**After eye contact**

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

After swallowing If symptoms persist consult a doctor.**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**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.

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SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures** Not required.**6.2 Environmental precautions:** No special measures required.**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste according to item 13.

6.4 Reference to other sections

See Section 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** No special precautions are necessary if used correctly.**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: Not required.**Further information about storage conditions:** None.**7.3 Specific end use(s)** No further relevant information available.**SECTION 8: Exposure controls/personal protection****Additional information about design of technical facilities:** No further data; see item 7.**8.2 Exposure controls****Personal protective equipment:****General protective and hygienic measures:**

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

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation.**Protection of hands:** Protective gloves.**Eye protection:** Goggles recommended during refilling**Body protection:** Protective work clothing.EUG
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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Fluid
Colour:	According to product specification
Odour:	Characteristic
Odour threshold:	Not determined.

pH-value: Not determined.

Change in condition

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	100 °C (DIN)

Flash point: Not applicable

Flammability (solid, gas): Not applicable.

Ignition temperature: Not determined.

Decomposition temperature: Not determined.

Auto-ignition temperature: Product is not selfigniting.

Explosive properties: Product does not present an explosion hazard.

Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

Oxidising properties: Not determined.

Vapour pressure at 20 °C: 48 hPa (DIN 51640)

Density: Not determined

Bulk density: Not applicable.

Relative density: Not determined.

Vapour density: Not determined.

Evaporation rate: Not determined.

Solubility in / Miscibility with

Water: Not miscible or difficult to mix

Segregation coefficient (n-octanol/water) log

Pow: Not determined.

Viscosity:

dynamic:	Not determined.
kinematic:	Not determined.

Solvent separation test: Not determined

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Solvent content:

Water:	57.6 %
EU-VOC (%)	0.00 %
EU-VOC (g/L)	0.0 g/l
Solids content:	42.3 %

9.2 Other information

No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.**10.2 Chemical stability** Stable at recommended storage conditions**Thermal decomposition / Conditions to be avoided:**

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known**10.4 Conditions to avoid** No further relevant information available.**10.5 Incompatible materials:** No further relevant information available.**10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects**Acute toxicity** Based on available data, the classification criteria are not met.**LD/LC50 values relevant for classification:**

Components	Type	Value	Species
CAS: 527-07-1 sodium gluconate			
Oral	LD50	>5,000 mg/kg	(Rat)

Primary irritant effect:**Skin corrosion/irritation** Based on available data, the classification criteria are not met.**Serious eye damage/irritation** Based on available data, the classification criteria are not met.**Respiratory or skin sensitisation**

Sensitising effect by skin contact is possible by prolonged exposure.

May cause an allergic skin reaction to already sensitised individuals (supplemental labelling EUH208 in Europe)

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**Germ cell mutagenicity** Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity** 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.

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SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: Not classified as harmful to aquatic life

Type of test	Effective concentration	Method	Assessment
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CAS:	527-07-1 sodium gluconate
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EC 0	>5,000 mg/l (pp)
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12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

Behaviour in environmental systems:

12.4 Mobility in soil No further relevant information available.

Ecotoxicological effects:

Other information:

CAS:	527-07-1 sodium gluconate
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CSB	807 mg O2/g
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BSB	507 mg O2/g
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Additional ecological information:

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

12.5 Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

European waste catalogue

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

Uncleaned packaging:

Recommendation:

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

SECTION 14: Transport information

14.1 UN-Number

ADR, IMDG, IATA

Void

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14.2 UN proper shipping name ADR, IMDG, IATA	Void
14.3 Transport hazard class(es) ADR, ADN, IMDG, IATA Class	Void
14.4 Packing group ADR, IMDG, IATA	Void
14.5 Environmental hazards:	Not applicable.
14.6 Special precautions for user	Not applicable.
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
UN "Model Regulation":	Void

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Directive 2012/18/EU****Named dangerous substances - ANNEX I** None of the ingredients is listed.**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.

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 européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

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ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
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

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