



**SECTION 3: Composition/information on ingredients**

## 3.2 Mixtures

## Sodium (Xylene and 4ethylbenzene) Sulphonate

CAS Number: 1300-72-7  
EC Number: 215-090-9  
Concentration: <1%  
H Statements: H319  
Categories: Eye Irrit. 2  
REACH Registration Number: 01-2119513350-56-0008

## Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered) and C18(unsaturated acyl) derivs., hydroxides, inner salts

CAS Number: 61789-40-0  
EC Number: 263-058-8  
Concentration: <1%  
H Statements: H318, H412  
Categories: Eye Dam. 1, Aquatic Chronic 3  
REACH Registration Number: 01-2119489410-39-XXXX

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**SECTION 4: First aid measures**

## 4.1 Description of first aid measures

## Contact with eyes

If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes  
If eye irritation persists: Get medical advice/attention.

## Contact with skin

Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water

## Ingestion

Rinse mouth with water (only if the person is conscious)  
Give plenty of water to drink  
Do not induce vomiting

## Inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest

## 4.2 Most important symptoms and effects, both acute and delayed

- The ingestion of significant quantities may cause dry throat
- The ingestion of significant quantities may cause nausea/vomiting

## 4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically
  - Eyewash bottles should be available
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**SECTION 5: Firefighting measures**

## 5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

## 5.2 Special hazards arising from the substance or mixture

## SECTION 5: Firefighting measures (....)

- May give off noxious and toxic fumes in a fire

### 5.3 Advice for firefighters

- Wear Breathing Apparatus
  - Wear protective gloves/protective clothing/eye protection/face protection.
  - Keep container(s) exposed to fire cool, by spraying with water
- 

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8

### 6.2 Environmental precautions

- Do not allow to enter public sewers and watercourses
- Contain spillage by any means possible

### 6.3 Methods and material for containment and cleaning up

- Absorb spillage in earth or sand
- Place in sealable container
- Remove contaminated material to safe location for subsequent disposal

### 6.4 Reference to other sections

- See Section 8
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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- Handle and open container with care
- Ensure adequate ventilation

### 7.2 Conditions for safe storage, including any incompatibilities

- Keep container tightly closed, in a cool, well ventilated place

### 7.3 Specific end use(s)

- See Section 1.2
- 

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

- No exposure limits have been set for this substance

#### Sodium (Xylene and 4ethylbenzene) Sulphonate

DNEL (Consumer; dermal, long term local effects): 0.048 mg/kg  
DNEL (Consumer; inhalational, long term systemic effects): 68.1 mg/m<sup>3</sup>  
DNEL (Consumer; oral, long term systemic effects): 3.8 mg/kg bw/day  
DNEL (Industry; dermal, long term systemic effects): 136.25 mg/kg bw/day  
DNEL (Industry; inhalational, long term systemic effects): 26.9 mg/m<sup>3</sup>

#### Sodium (Xylene and 4ethylbenzene) Sulphonate

PNEC (STP): 100 mg/l

### 8.2 Exposure controls

- Wear eye protection.
  - Eyewash bottles should be available
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## SECTION 9: Physical and chemical properties

## SECTION 9: Physical and chemical properties (....)

### 9.1 Information on basic physical and chemical properties

- Physical state: Liquid
- Colour: Various
- Odour: Characteristic odour
- Melting point/Range: Not applicable
- Boiling Point/Range: 100 °C
- Flammability: Not flammable
- pH: 10.3 - 10.4 typical
- Solubility in water: Completely soluble in water
- Density: Not applicable
- Freezing point: 0 °C
- Explosive Properties: Non-explosive
- Decomposition temperature: Not applicable
- Viscosity - not applicable
- Partition coefficient : n-Octanol/water - not applicable
- Relative density: 1.0 typical@ 20°C

### 9.2 Other information

- No information available
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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

### 10.2 Chemical stability

- This article is considered stable under normal conditions

### 10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

### 10.4 Conditions to avoid

- Keep away from heat

### 10.5 Incompatible materials

- Avoid contact with acid
- Avoid contact with oxidising substances

### 10.6 Hazardous decomposition products

- Decomposition products may include toxic fumes
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## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Not Classified

Sodium (Xylene and 4ethylbenzene) Sulphonate

LC<sub>50</sub> (inhalation, rat): >6.41 mg/l (4 hr)

LD<sub>50</sub> (dermal, rabbit): >2000 mg/kg

LD<sub>50</sub> (oral, rat): >7200 mg/kg

#### Skin corrosion/irritation

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

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## SECTION 11: Toxicological information (....)

Serious eye damage/irritation

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

Respiratory or skin sensitisation

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

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

STOT (specific target organ toxicity) - single exposure

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

STOT (specific target organ toxicity) - repeated exposure

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

Aspiration hazard

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

### 11.2 Information on other hazards

- No information available

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## SECTION 12: Ecological information

### 12.1 Toxicity

Sodium (Xylene and 4ethylbenzene) Sulphonate

IC<sub>50</sub> (algae): 230 mg/l (72 hr)

EC<sub>50</sub> (daphnia): 1000 mg/l (48 hr)

LC<sub>50</sub> (fish): >1000 mg/l (96 hr)

Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered) and C18(unsaturated acyl) derivs., hydroxides, inner salts

IC<sub>50</sub> (algae): 2.4 mg/l (72 hr)

EC<sub>50</sub> (daphnia): 1.9 mg/l (48 hr)

LC<sub>50</sub> (fish): 1.1 mg/l (96 hr)

### 12.2 Persistence and degradability

- Readily biodegradable

### 12.3 Bioaccumulative potential

- Low bioaccumulation potential

### 12.4 Mobility in soil

- This substance will leach into the soil

### 12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

### 12.6 Endocrine disrupting properties

## SECTION 12: Ecological information (....)

- The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Common Delegated Regulation (EU) 2017/2010 or Common Regulation (EU) 2018/605 at a concentration equal or greater than 0.1%.

### 12.7 Other adverse effects

- No information available
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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
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## SECTION 14: Transport information

Not classified as hazardous for transport

### 14.1 UN number or ID number

- UN No.: Not applicable

### 14.2 UN proper shipping name

- Proper Shipping Name: Not applicable

### 14.3 Transport hazard class(es)

- Hazard Class: Not applicable

### 14.4 Packing group

- Packing Group: Not applicable

### 14.5 Environmental hazards

- Not Classified

### 14.6 Special precautions for user

- Not Classified

### 14.7 Maritime transport in bulk according to IMO instruments

- Not applicable
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## SECTION 15: Regulatory information

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

- The COSHH Regulations apply in the UK
- The Health and Safety at Work Act applies in the UK
- Where UK Regulations are quoted, then for other nations the equivalent regulations should be identified
- The CLP Regulations apply in the UK

### 15.2 Chemical safety assessment

- A chemical safety assessment (CSA) for this product has not yet been completed
  - This Safety Data Sheet does not constitute a workplace risk assessment
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## SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H318: Causes serious eye damage. H319: Causes serious eye irritation. H412: Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route

RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses

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## SECTION 16: Other information (....)

ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure  
ATE = acute toxicity estimate  
CAS = Chemical Abstracts Service  
CLP = Classification, Labelling and Packaging  
DMEL = Derived Minimum Effect Level  
DNEL = Derived No Effect Level  
EC50 = Median effective concentration  
ECB = European Chemicals Bureau  
EEC = European Economic Community  
EINECS = European Inventory of Existing Commercial Chemical Substances  
ELINCS = European List of Notified Chemical Substances  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk  
IC50 = Inhibition concentration, 50%  
IMDG = International Maritime Code for Dangerous Goods  
IUCLID = International Uniform Chemical Information Database  
LC50 = Lethal concentration, 50%  
LD50 = Median lethal dose  
LC0 = lethal concentration, 0%  
LOAEL = lowest-observed-adverse-effect level  
MARPOL = International Convention for the Prevention of Marine Pollution from Ships  
NOAEL = No Observed Adverse Effect Level  
NOEC = No Observed Effect Concentration  
PBT = Persistent, Bioaccumulative and Toxic substance  
PNEC = Predicted No-Effect Concentration  
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals  
STP = Sewage Treatment Plant  
TLV®/TWA = Threshold limit value – time-weighted average  
TLV®STEL = Threshold limit value – short-time exposure limit  
VOC = Volatile Organic Compounds  
vPvB = very Persistent and very Bioaccumulative

Use good personal hygiene practices

Do not mix with any other products

Due to major changes made, this Safety Data Sheet should be read entirely as new.

### Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their own particular use.