
SECTION 2: Hazards identification (....)

Composition information in accordance with EC Regulation 648/2004 of the European Parliament and of the Council of 31st March 2004 on detergents: Non-ionic surfactants 5 < 15%, anionic surfactants <5%, amphoteric surfactants <5%, Preservative benzisothiazolone., perfumes Limonene

2.3 Other hazards

- Not a PBT according to REACH Annex XIII
- 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%.

SECTION 3: Composition/information on ingredients**3.2 Mixtures****C9/11 Ethoxylated Alcohols**

CAS Number: 68439-46-3
EC Number:
Concentration: 5 - 15%
H Statements: H302;H318
Categories: Acute Tox. 4, Eye Dam. 1

Tetrasodium N,N-bis(carboxylatomethyl-L-glutamate (GLDA-4NA)

CAS Number: 51981-21-6
EC Number: 257-573-7
Concentration: 1 - 3%
H Statements: H290
Categories: Met. Corr. 1
REACH Registration Number: 01-2119493601-38-XXXX

Sodium (Xylene and 4ethylbenzene) Sulphonate

CAS Number: 1300-72-7
EC Number: 215-090-9
Concentration: 1-3%
H Statements: H319
Categories: Eye Irrit. 2
REACH Registration Number: 01-2119513350-56-0008

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner

CAS Number: 97862-59-4
EC Number: 931-296-8
Concentration: <1%
H Statements: H318;H412
Categories: Eye Dam. 1, Aquatic Chronic 3
REACH Registration Number: 01-2119488533-30-xxxx

SECTION 4: First aid measures**4.1 Description of first aid measures**

- Never give anything by mouth to an unconscious person
- If medical advice is needed, have product container or label at hand.
- Contaminated clothing should be laundered before reuse

Contact with eyes

SECTION 4: First aid measures (....)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor/physician.

Contact with skin

Wash affected area with plenty of soap and water
If skin irritation or rash occurs: Get medical advice/attention.

Ingestion

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

Inhalation

Remove person to fresh air and keep comfortable for breathing.
When in doubt or symptoms persist, seek medical attention

4.2 Most important symptoms and effects, both acute and delayed

- Risk of serious damage to eyes
- 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

- May give off noxious and toxic fumes in a fire
- Decomposition products may include carbon oxides

5.3 Advice for firefighters

- Substance evolves toxic fumes, wear self-contained breathing apparatus
 - Wear full protective clothing including chemical protection suit
 - 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
-

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 and in a well ventilated place

7.3 Specific end use(s)

- See Section 1.2
-

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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/m³
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/m³
PNEC (STP): 100 mg/l

8.2 Exposure controls



- Ensure adequate ventilation
 - Wear goggles giving complete eye protection
 - BS EN PPE Codes: EN 166:2001
 - Wear suitable gloves
 - Respiratory protection may be required under exceptional circumstances when excessive air contamination exists
-

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: Liquid
 - Colour: Yellow
 - Odour: Lemon odour
 - Odour threshold: No information available
 - Melting point/Range: 0 °C
 - Boiling Point/Range: 100 °C
 - Flammability: Not flammable
 - Explosive Properties: Non-explosive
 - Oxidising Properties: None
 - pH: 10 at 100 % concentration
 - Solubility in water: Completely soluble in water
 - Density: 1.02 g/l
 - Flashpoint: >93°C
 - Autoflammability: Not applicable
 - Evaporation Rate: Not available
 - Vapour Pressure: No information available
 - Particle characteristics: Not applicable
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SECTION 9: Physical and chemical properties (....)

9.2 Other information

Information with regard to physical hazard classes

No information available

Other safety characteristics

No information available

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
- Keep away from naked flames, incandescent or hot surfaces

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

Estimated LD₅₀ (oral) (ATE) : 16666.67 mg/kg

Estimated LD₅₀ (dermal) (ATE) : >4000 mg/kg

Estimated LD₅₀ (inhalational) (ATE) : >20 mg/l/4hr (gas/vapour)

Tetrasodium N,N-bis(carboxylatomethyl-L-glutamate (GLDA-4NA)

LD₅₀ (oral, rat): >2000 mg/kg bw/day

LD₅₀ (skin, rat): >2000 mg/kg bw/day

Sodium (Xylene and 4ethylbenzene) Sulphonate

LC₅₀ (inhalation, rat): >6.41 mg/l (4 hr)

LD₅₀ (dermal, rabbit): >2000 mg/kg

LD₅₀ (oral, rat): >7200 mg/kg

C9/11 Ethoxylated Alcohols

LD₅₀ (oral) : 300 - 2000 mg/kg

Skin corrosion/irritation

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

Serious eye damage/irritation

Causes serious eye damage.

Calculation method

SECTION 11: Toxicological information (....)

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

Endocrine disrupting properties

Substance not identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100

11.2 Information on other hazards

- No information available

SECTION 12: Ecological information

12.1 Toxicity

C9/11 Ethoxylated Alcohols

EC₅₀ (daphnia): 2.686 mg/l (48 hr)

LC₅₀ (fish): 8.5 mg/l (96 hr)

Sodium (Xylene and 4ethylbenzene) Sulphonate

IC₅₀ (algae): 230 mg/l (72 hr)

EC₅₀ (daphnia): 1000 mg/l (48 hr)

LC₅₀ (fish): >1000 mg/l (96 hr)

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner

IC₅₀ (algae): 1.5 mg/l (72 hr)

EC₅₀ (daphnia): 1.9 mg/l (48 hr)

LC₅₀ (fish): 49.4 mg/l (96 hr)

12.2 Persistence and degradability

- Biodegradable

12.3 Bioaccumulative potential

- Bioaccumulation is insignificant

12.4 Mobility in soil

- Completely soluble in water

- This substance will leach into the soil

12.5 Results of PBT and vPvB assessment

SECTION 12: Ecological information (....)

- Not a PBT according to REACH Annex XIII

12.6 Endocrine disrupting properties

- 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

- Presents little or no hazard to the environment
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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

- No information available
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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
- The Workplace Directive (89/654/EEC) applies in the UK
- The CLP Regulations apply in the UK
- Where UK Regulations are quoted, then for other nations the equivalent regulations should be identified
- Water Hazard Class (Company): 1

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

SECTION 16: Other information (....)

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H290: May be corrosive to metals. H302: Harmful if swallowed. 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
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

Do not mix with any other products

Use good personal hygiene practices

The information supplied above is based upon the present state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The user must satisfy themselves that the product is entirely suitable for his purpose.

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.