

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006

Issued: 2024-02-21

Marisol APP

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

1.1. Product identifier

Trade name

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Article No.

24-4680

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses

Alkaline cleaning and degreasing agent.

1.3. Details of the supplier of the safety data sheet

Supplier

AB DFS

Address

Fiskebäcks Hamn 7
426 58 Västra Frölunda
Sweden

Telephone

031-29 14 35

Email

order@dfs-ab.se

Web site

www.dfs-ab.se

1.4. Emergency telephone number

112

Available outside office hours

Yes

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Classification

Serious eye damage, hazard category 1

Hazard statements

H318

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2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

Hazard statements

H318 Causes serious eye damage.

Precautionary statements

P280.3 Wear eye protection.

P280.4 Wear face protection.

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.

More information

Contains: C10 Alcohol ethoxylate.

2.3. Other hazards

This mixture does not contain any REACH registered substances that are assessed to be a PBT or a vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| Chemical name | CAS No. EC No. REACH No. Index No. | Concentration | Classification | H-phrase M factor acute M factor chronic | Note |
|------------------------|--|---------------|------------------------------------|--|------|
| C10 Alcohol ethoxylate | 26183-52-8 500-046-6 01-2120825755-48 - | 0 - 5% | Acute Tox. 4 - oral, Eye Dam. 1 | H302, H318 - - | - |

Substance additional information

Section 16 for the full text of H-phrases mentioned in this section.

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

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SECTION 4: First aid measures

4.1. Description of first aid measures

In uncertainty or when symptoms persist, seek medical attention.

Inhalation

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin contact

Wash the skin with soap and water. Remove contaminated clothing.

Eye contact

In case of eye contact, remove any contact lenses and rinse immediately with plenty of water, even under the eyelids, for at least 15 minutes. Seek medical attention immediately.

Ingestion

Rinse mouth out with water. Drink 1 or 2 glasses of water. Call a physician if symptoms occur.

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

May cause serious eye damage.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use extinguishing media that are appropriate for local conditions and the surrounding environment. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media

Do not use a direct jet of water.

5.2. Special hazards arising from the substance or mixture

None known.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face mask. Firefighter equipment (eg helmet, safety boots and gloves) that complies with the European standard EN 469 provides basic protection in the event of chemical accidents.

Measures in case of fire

Immediately isolate the area by dismissing people in the vicinity of the fire. No measures involving personal risk shall be taken without training or measures.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure good ventilation. Wear suitable protective clothing. For personal protection see section 8.

6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water. Notify the responsible authority in the event of contamination of soil or water, or discharges into sewage systems.

6.3. Methods and material for containment and cleaning up

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

6.4. Reference to other sections

Personal protection see section 8 and for disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preventive handling precautions

Ensure good ventilation/extraction at the workplace. Empty containers contain product residues and can be dangerous.

General hygiene

Wash hands after handling. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke while handling.

7.2. Conditions for safe storage, including any incompatibilities

Store sealed in original packaging in a cool, dry and well-ventilated place. Keep away from direct sunlight. Store away from incompatible materials.

7.3. Specific end use(s)

See section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits

Contains no substances with occupational exposure limit values.

8.2. Exposure controls

Appropriate engineering controls

Handle in accordance with good hygienic and safety practice and only in well-ventilated areas. Ventilate well.

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Eye / face protection

Wear suitable goggles according to EN166.

Hand protection

Use chemical resistant gloves complying with EN374. Material: Nitrile rubber

Other skin protection

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment with combination filter (type A2/P2).

Thermal hazards

None known.

Environmental exposure controls

Prevent discharges to watercourses, waste water or the ground. See Section 7 for information on safe handling.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Yellow

Odour

Unscented

Melting point / freezing point

No data available

Boiling point or initial boiling point and boiling range

No data available

Flammability

No data available

Lower and upper explosion limit

No data available

Flash point

> 100 °C

Auto-ignition temperature

No data available

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Decomposition temperature

No data available

pH

< 11.5

Kinematic viscosity

No data available

Solubility

No data available

Partition coefficient n-octanol/water

No data available

Vapour pressure

No data available

Density and/or relative density

1030 kg/m³

Relative vapour density

No data available

Particle characteristics

No data available

9.2. Other information

No additional information is available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable at normal conditions.

10.2. Chemical stability

Stable under normal usage and storage conditions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Oxidant.

10.6. Hazardous decomposition products

No hazardous decomposition products should be produced under normal conditions of storage and use.

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SECTION 11: Toxicological information

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

Acute toxicity

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

| Product / Substance name CAS / EC no. | Dose descriptor | Value / Dose | Exposure route | Duration of exposure | Test animals | Method / Guideline | Remarks |
|--|-----------------|--------------------------|----------------|----------------------|----------------------|--------------------|-------------|
| C10 Alcohol ethoxylate 26183-52-8 / 500-046-6 | LD50 | > 2000 mg/kg bw | Oral | One dose | Rat (Sprague-Dawley) | OECD 401 | Male/Female |
| C10 Alcohol ethoxylate 26183-52-8 / 500-046-6 | LD50 | > 2000 mg/kg bw | Dermal | 24 h | Rat (Wistar) | OECD 402 | Male/Female |
| C10 Alcohol ethoxylate 26183-52-8 / 500-046-6 | LC50 | > 1600 mg/m ³ | Inhalation | 4 h | Rat (Sprague-Dawley) | OECD 403 | Male/Female |

Skin corrosion/irritation

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

Serious eye damage/irritation

Causes serious eye damage.

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.

Repeated dose toxicity

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-single exposure

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

STOT-repeated exposure

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

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Aspiration hazard

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

11.2. Information on other hazards

Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57 (f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

The product is not classified as environmentally harmful.

Acute crustacean toxicity

| Product / Substance name CAS / EC no. | Measurement type | Value / Result | Duration of exposure | Species | Method / Guideline |
|--|------------------|----------------|----------------------|-------------------------------|-------------------------|
| C10 Alcohol ethoxylate 26183-52-8 / 500-046-6 | EC50 | >10-100 mg/l | 48 h | Daphnia magna (Water flea) | Analogy (interpolation) |

12.2. Persistence and degradability

Biodegradable.

| Product / Substance name CAS / EC no. | Result | Method / Guideline |
|--|-----------------------|-------------------------|
| C10 Alcohol ethoxylate 26183-52-8 / 500-046-6 | Readily biodegradable | Analogy (interpolation) |

12.3. Bioaccumulative potential

The product has no known bioaccumulative potential.

| Product / Substance name CAS / EC no. | Remark |
|--|------------------------------|
| C10 Alcohol ethoxylate 26183-52-8 / 500-046-6 | Bioaccumulation is unlikely. |

12.4. Mobility in soil

Mobility

No information available

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| Product / Substance name CAS / EC no. | Mobility |
|--|--------------------|
| C10 Alcohol ethoxylate 26183-52-8 / 500-046-6 | No data available. |

12.5. Results of PBT and vPvB assessment

This mixture does not contain any REACH registered substances that are assessed to be a PBT or a vPvB.

| Product / Substance name CAS / EC no. | PBT / vPvB |
|--|---|
| C10 Alcohol ethoxylate 26183-52-8 / 500-046-6 | The substance/mixture does not contain any components that are considered persistent, bioaccumulative and toxic (PBT) or very persistent and highly bioaccumulative (vPvB) at levels of 0.1% or higher. |

12.6. Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57 (f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7. Other adverse effects

Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal considerations

Dispose of any product, residue or packing material according to national and local regulations. Do not dispose of waste into sewer.

Packaging

Empty, cleaned packaging must be sorted for recycling.

| Waste code | Waste description |
|------------|--|
| 07 06 01* | aqueous washing liquids and mother liquors |

Please note - an asterisk (*) next to a code denotes that it is HAZARDOUS WASTE.

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SECTION 14: Transport information

14.1. UN number

Not classified as dangerous in the meaning of transport regulations.

14.2. UN proper shipping name

ADR / RID / ADN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Label

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No 1907/2006 of the European Parliament and of the Council, REACH.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council, CLP.

Waste ordinance (2020:614)

The constituent surfactants in this preparation meet the criteria for biodegradation in Regulation (EC) No 648/2004 on detergents.

National regulations

No data available

15.2. Chemical safety assessment

A chemical safety assessment has not been performed.

SECTION 16: Other information

Abbreviations

PBT: Persistent, Bioaccumulative and Toxic.

vPvB: very Persistent and very Bioaccumulative.

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References to key literature and data sources

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

Evaluation methods for classification

The classification is based on the addition method according to Regulation (EC) No 1272/2008 (CLP).

Phrase meaning

Eye Dam. 1 - Serious eye damage, hazard category 1

Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4

H302 Harmful if swallowed.

H318 Causes serious eye damage.