

SAFETY DATA SHEET
According to Regulation (EC) No 1907/2006
Marisol NC

Version number: 4

Issued: 2022-05-02

Replaces SDS: 2021-06-14

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

1.1. Product identifier

Trade name	Marisol NC
Article No.	24-4094
UFI code	GM13-30J2-R00S-KCVU

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

Product type	Alkaline cleaning agent.
Relevant identified uses	Restricted to professional users.

1.3. Details of the supplier of the safety data sheet

Supplier	AB DFS
Street 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

Emergency phone 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
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Hazard statements	H318
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2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms	
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Signal word	Danger
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Hazard statements	H318 Causes serious eye damage.
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Precautionary statements	P280 Wear eye 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
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More information

Contains:
C9-11 Alcohol ethoxylate

2.3. Other hazards

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
C9-11 Alcohol ethoxylate	68439-46-3 614-482-0 - -	0 - <5%	Acute Tox. 4 - oral, Eye Dam. 1	H302, H318 - -	-

Substance additional information

Regulation (EC) No 648/2004 on detergents: Contains: Non-ionic surfactants <5%.

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

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

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

Skin contact

Remove contaminated clothing. Rinse the skin immediately with lots of water. Get medical attention if irritation develops and persists.

Eye contact

In case of contact with eyes, remove any contact lenses and rinse immediately with plenty of water, even under the eyelids, for at least 15 minutes. Continue rinsing eyes during transport to hospital.

Ingestion

Rinse mouth out with water. Give small amounts of water to drink. Do not induce vomiting. Consult a physician for specific advice.

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

Most important symptoms and effects, both acute and delayed

Risk of serious damage to eyes.

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

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water mist, foam, carbon dioxide, powder.

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Unsuitable extinguishing media Do not use a direct jet of water.

5.2. Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture Toxic/irritating smoke.

5.3. Advice for firefighters

Special protective equipment for fire-fighters Containers in the vicinity of fire should be moved immediately or cooled with water. 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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions, protective equipment and emergency procedures Ensure good ventilation. Wear suitable protective equipment. Avoid contact with eyes. Prevent further leakage or spillage if safe to do so.

6.2. Environmental precautions

Environmental precautions Prevent entry to sewers and public waters. 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

Methods and material for containment and cleaning up Small quantities may be flushed away with water. Major spillage should be banked with sand, earth or similar material and collected into suitable enclosed containers for further destruction.

6.4. Reference to other sections

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 Avoid contact with eyes. Ensure good ventilation. Wear personal protective equipment.

General hygiene Wash hands before breaks and immediately after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Conditions for safe storage, including any incompatibilities Keep in a frost-free place. Plastic packaging. Keep container tightly closed. Keep in properly labelled containers.

7.3. Specific end use(s)

Specific end use(s) Identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits	Contains no substances with occupational exposure limit values.
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8.2. Exposure controls

Appropriate engineering controls	Eye washes must be available.
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Eye / face protection	Wear protective goggles if there is a risk of direct contact or splashes.
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Hand protection	For prolonged or repeated contact use protective gloves. The gloves must conform to the standard EN 374.
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Other skin protection	Suitable protective clothing.
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Respiratory protection	In case of inadequate ventilation wear respiratory protection.
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Environmental exposure controls	Avoid discharges into drains, onto the ground and in aquatic environments.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
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Colour	Colourless-pale yellow
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Odour	Weak
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Melting point / freezing point	No information available
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Boiling point or initial boiling point and boiling range	No information available
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Flammability	No information available
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Lower and upper explosion limit	No information available
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Flash point	No data available
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Auto-ignition temperature	No information available
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Decomposition temperature	No information available
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pH	No information available
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Kinematic viscosity	No information available
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Solubility	Water-soluble
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Partition coefficient n-octanol/water	No information available
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Vapour pressure	No information available
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Density and/or relative density	1030 kg/m ³
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Relative vapour density No information available

Particle characteristics Not relevant

9.2. Other information

Other information No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Not reactive.

10.2. Chemical stability

Chemical stability Stable under normal usage and storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid No specific hazards.

10.5. Incompatible materials

Incompatible materials No information available.

10.6. Hazardous decomposition products

Hazardous decomposition products No harmful degradation products during normal handling.

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.

C9-11 Alcohol ethoxylate
LD50/oral/rat = 3488 mg/kg bw

Skin corrosion/irritation Based on the available data, the classification criteria are not met.

Serious eye damage/irritation Causes serious eye damage.

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-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.

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

11.2. Information on other hazards

Endocrine disrupting properties Contains no substances with endocrine disrupting properties.

Other information No information available

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
(C9-C11) Alkyl alcohol ethoxylate 68439-46-3 / 614-482-0	EC50	> 10 - 100 mg/L	48h	Daphnia magna

12.2. Persistence and degradability

Persistence and degradability The component surfactants are easily biodegradable according to Regulation (EC) No 648/2004 on detergents.

(C9-C11) Alkyl alcohol ethoxylate
Readily biodegradable

12.3. Bioaccumulative potential

Bioaccumulative potential Bioaccumulation improbable.

12.4. Mobility in soil

Mobility No information available

12.5. Results of PBT and vPvB assessment

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.

12.6. Endocrine disrupting properties

Endocrine disrupting properties Contains no substances with endocrine disrupting properties.

12.7. Other adverse effects

Other adverse effects No other adverse effects.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal considerations The product should be disposed of as hazardous waste. Dispose of any product, residue or packing material according to national and local regulations.

Packaging Contaminated packaging must be disposed of as product. Emptied and cleaned packaging can be recycled.

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Waste code	Description
07 06 01*	aqueous washing liquids and mother liquors
20 01 29*	detergents containing hazardous substances

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

Other

Waste code The waste code is a recommendation. Depends on business area and use. Appropriate classification of waste is the user's responsibility.

SECTION 14: Transport information

14.1. UN number

UN number Not classified as dangerous in the meaning of transport regulations.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Label Not applicable.

14.4. Packing group

Packing group Not applicable.

14.5. Environmental hazards

Environmental hazards Not applicable.

14.6. Special precautions for user

Special precautions for user Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

Maritime transport in bulk according to IMO instruments Not intended for bulk transport.

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).
European Parliament and Council Regulation (EC) No. 1272/2008, CLP.
EUROPEAN PARLIAMENT AND COUNCIL REGULATION (EC) No 648/2004 on detergents.

National regulations Local laws and regulations should be carefully observed.

15.2. Chemical safety assessment

Chemical safety assessment No chemical safety assessment has been performed.

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SECTION 16: Other information

Changes to previous revision

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Abbreviations

PBT: Persistent, Bioaccumulative and Toxic.
vPvB: very Persistent and very Bioaccumulative.
LD50: Lethal dose, the dose that kills 50% of a population.
EC50: The concentration of a substance that affects 50% of a population over a given period of time.

References to key literature and data sources

<http://echa.europa.eu>
<http://eur-lex.europa.eu>
C&L Inventory

Evaluation methods for classification

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

Phrase meaning

Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4
Eye Dam. 1 - Serious eye damage, hazard category 1
H302 Harmful if swallowed.
H318 Causes serious eye damage.