

# Safety Data Sheet according to 1907/2006/EU

## 1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

Product name and number:

Identification: -

### Alu Cleaner – Rim Cleaner

PR-no: In preparation.

Marketing company: Sirena-soap ApS

Address: Bygmestervej 7, 9560 Hadsund.

Contact person: Morten Heegaard

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E-mail: ma@sirena-soap.dk

#### **In case of accident:**

Seek medical attention – carry the label or this safety data sheet. The doctor may contact the Poison Information by phone 82 12 12 12.

Identified fields of application: -

Type of product/actual function: Cleaning agent for light-alloy metals.

Item no.: 5300488 - 5300490

Registration no. if any: -

## 2. FAREIDENTIFIKATION

Produktet er klassificeret som:

Sirena Soap Aps has evaluated that the material should not be classified according to the classification notice of the Department of the Environment.

Classification: -

Any other risks: -

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous substances (Symbol and R-phrases for the pure substance - see section 16)

Any volatile substances are specified in section 8) with ppm/mg/m<sup>3</sup>.

Name	EINECS/ ELINCS	CAS / IUPAC	Concentration	Risk symbol	R-phrases
Sulfamidic acid	226-218-8	5329-14-6	< 5 %	Xi	R36, R38, R52, R53
C13-17 Sec. Alkan, Sulfonic acid, Sodium	288-330-3	85711-69-9	< 5 %	Xi	R38, R41
Isotride canokethoxylat	Polymer	-	< 5 %	Xn	R22, R36, R38
Natrium hydricum	215-185-5	1310-73-2	< 5 %	C	R35

**Symbols:** Tx=Very toxic, T=Toxic, C=Corrosive, Xn=Insanitary, Xi=Causing local irritation, E=Explosive, O=Flammable, Fx=Extremely inflammable, F=Highly inflammable, N=Environmentally hazardous, Mut=Mutagenic, Carc=Carcinogenic, Rep=Toxic to reproduction

**Declaration:** < 5 % Non-ionic and og anionic surfactants.

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## 4. FIRST AID MEASURES

<b>Burns</b>	The product is not flammable.
<b>Inhalation</b>	Bring the victim to fresh air. Keep calm under observation. If uncomfortable: Seek medical attention.
<b>Eyes</b>	Rinse immediately with water or saline solution for at least 15 minutes. If wearing contact lenses, remove these and hold the eyelids apart. If irritation persists: Seek medical attention. Continue rinsing even during transport to the doctor / hospital.
<b>Skin</b>	Remove contaminated clothing and wash the contaminated skin with copious amounts of soap and water.
<b>Ingestion</b>	Immediately rinse mouth thoroughly and drink plenty of water. Keep under observation. If uncomfortable: Seek medical attention.
<b>Information</b>	Show this user manual to a doctor or emergency ward.

## 5. FIRE-FIGHTING MEASURES

**Precautions in the case of fire:** Not flammable. Avoid breathing fumes. Remove containers if possible, or cool with water.

**Suitable extinguishing media:** Against surrounding fire: water spray, foam, powder, carbon dioxide.

**Extinguishing media which must not be used for safety reasons:** High volume water jet (spreads the fire).

**Special exposure hazards:** If the water has evaporated because of surrounding fire, highly toxic nitrous gases (NO<sub>x</sub>) and carbonoxides are formed.

**Special protective equipment for fire-fighters:** In the event of heavy smoke formation, wear breathing apparatus.

**Additional:** -

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use the personal protective equipment specified in section. 8. Limit the spread. Ensure supply of fresh air.

**Environmental precautions:** Do not allow to enter sewerage system – see section 12. Notify the local environmental authorities if spill into the environment occurs.

**Removal:** Absorb with granules or the like. Place in suitable container. Container should be sealed and labelled properly. Wash site of spillage thoroughly with water. For further disposal – see section 13.

## 7. HANDLING AND STORAGE

**Storage:** To be kept under lock, keep away from children and food, feeding stuff, medicinal products and the like.

**Flammability class:** Not flammable.

**Specific applications:** Please refer to fields of application – section 1

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## 8. EXSPOSURE CONTROL/PERSONAL PROTECTION

**Occupational exposure controls:** In a workplace it must be ensured that employees are not exposed to pressures that may pose a risk during pregnancy or lactation (see Labour Inspectorate notice on the performance of work). Avoid splashing when handling the open container. Access to eye wash bottles. Avoid breathing vapors. Ensure effective ventilation, avoid contact with skin, eyes and clothing. Wash promptly if skin becomes contaminated. Change contaminated clothing immediately. Moisturising creme counteracts excessive dryness of the skin and can be used with great advantage after work.

**Measures to reduce exposure to the environment: -**

**Exposure limits:**

Name	ppm	mg/m <sup>3</sup>	Comment.
Sodium hydroxide	-	2 mg/m <sup>3</sup>	L

The reported values are in accordance with the existing list of values from the Labour Inspectorate. For substances marked with \* the limit has been set administratively.

(Note L = ceiling value, H = substance can be absorbed through the skin, T = tentative limit, K = substance is included in the list of substances considered to be carcinogenic, E = EC limit.)

**Personal protective equipment:**

Respiratory protection:

By proper use of the product monitoring procedures for compliance with limits are not necessary. Use respirator with P2 particulate filter. Filters have a limited life (must be replaced). Read the manufacturer's instructions.

Skin protection:

By dilution and manual cleaning work use gloves of nitrile rubber. It has not been possible to find data for the breakthrough of the ingredients, so it is recommended to replace gloves after use.

Eye protection:

Close-fitting goggles or face-shield at risk of splashes during use.

Environmental protection

-

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Clear liquid.
Odour	Characteristic.
pH (concentrate)	2,0
pH (mixture)	-
Flash point (°C)	> 100
Steam pressure (mmHg at 20.0 °C)	-
Relative density	1,01
Water solubility	Infinite

## 10. STABILITY AND REACTIVITY

**Stability and reactivity:** Normal stability.

**Conditions to be avoided:** Strong bases.

**Substances to be avoided:** No known.

**Hazardous decomposition products:** By prolonged strong warming or dry-boiling, toxic fumes of carbon may form.

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## 11. TOXICOLOGICAL INFORMATION (SUNDHEDSFARLIGE EGENSKABER)

**Way of absorption:** Cannot be absorbed through tissue.

**Short-term effects:**

<b>Inhalation</b>	May cause slight irritation.
<b>Skin</b>	Degreasing effect on the skin. Skin irritation.
<b>Eyes</b>	Slight eye irritation.
<b>Intake</b>	Slightly corrosive to highly irritating.

**Long-term effects:** -

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Contains less than 5% of a substance which is harmful towards organisms that live in water. May cause long-term effects in the environment.

- **Phosphoric acid ester fatty alcohol alkoxyate:** Bacteria toxicity: > 500 mg/L
- **Isotride canol ethoxylate:** Algal toxicity: EC50 (72 h) 1-10 mg/L. Bacteria toxicity: EC10 (17 h): 10 000 mg/L, DIN 38412 part 8. Daphnia toxicity: (acute): EC50 (48 h) 1-10 mg/L, (chronic): NOEC (21 d) 1,0 mg/L. Fish toxicity LC 50 (96 h) 1-10 mg/L, leuciscus idus.
- **Sodium hydroxide:** Mosquito fish: LC50 125 mg/L. Daphnia: EC50 40-240 mg/L.
- **C13-17 Sec. Alkane, Sulfonic acid, Sodium:** Fish: LC50 (72 h) 10-100 mg/L OECD 201. Algae: EC50 (72 h) 1-10 mg/L OECD 203.
- **Sulfamic acid:** Fish: LC50 (72 h) 70,3 mg/L.

**Mobility:** Soluble in water. Spillage on the ground may cause the surfactants to strongly bind to soil particles.

**Persistence and degradability:** The surfactants in the product comply with EU Regulation on meeting the criteria for complete aerobic biodegradation of detergents. (> 60% CO<sub>2</sub>/BOD, 28 d, OECD 301B + D).

**Bioaccumulation potential:** This product is not expected to be bioaccumulable, seen from the bioaccumulation potential of the various constituents.

**Results of PBT assessment:** -

**Other adverse effects:** -

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## 13. DISPOSAL CONSIDERATIONS

**Residues and coping:** The chemical is classified as hazardous waste. Contact your local waste disposal authority for advice, or pass to a licensed chemical disposal company.

**Waste group:** H  
**Waste group:** H

**Waste fraction:** 01.11  
**Waste fraction:** 05.99

**EAK-code:** 20 01 30 (Residues)  
**EAK-code:** 15 02 03  
(Absorbents contaminated with product)

**Waste management measures in relation to exposure scenario:** Exposure scenarios of the ingredients of the product have not yet been prepared.

## 14. TRANSPORT INFORMATION

The product is not covered by the transport regulations (ADR/RID)

**Label:** -

**Proper shipping name, internationally: ROAD TRANSPORT (ADR):** --

- UN-no.: -
- ADR-class: -
- ADR-packing group (PG): -
- CEFIC-card: -

## 15. OPLYSNINGER OM LOVMÆSSIG REGULERING

**Has a chemical safety evaluation of the substance or one of the substances in the chemical product been made:** No

**Specific Community rules and national legislation regarding the protection of humans and the environment:** -

**Labelling:** The product is labelled in accordance with the decree on labelling No 329/2002 of the Environmental Protection Agency, as amended by No. 970/2005.

**Hazard label:** Sirena Soap Aps has assessed that the material not be classified according to the Ministry of Environment Classification Order.

**Contains:** < 5%: Non-ionic and anionic tensides.

**R-phrases** -

**S-phrases** S2, S25.

**Other relevant phrases:** Ingen særlige.

**Code no. 1993** In concentrate: 0-2 In mixture: 0-1

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## 16. OTHER INFORMATION

### The full text of the R-phrases mentioned in section 2:

Xi	Causing local irritation
Xn	Hazardous to health
C	Corrosive
R22	Harmful if swallowed
R35	Causes severe burns
R36	Irritating to eyes
R38	Irritating to skin
R41	Risk of serious damage to eyes.
R52	Harmful to aquatic organisms
R53	May cause long-term adverse effects in the aquatic environment

**Requirements for special education:** No requirements.

**Recommended restrictions on use:** Not for use by young people under 18 years (see the publication from the Labour Inspection concerning hazardous work of young people). Because of the contents of organic solvents, it must be ensured in a workplace manual that employees are not exposed to substances that may pose a risk during pregnancy or lactation (see the publication from the Labour Inspection on the performance of work).

**Further information:** [ma@sirena-soap.dk](mailto:ma@sirena-soap.dk)

### Sources of key data:

The Environmental Protection Agency's regulation on classification, packaging, labelling, sale and storage of chemical substances and products No 329/2002, as amended by No. 970/2005

The Environmental Protection Agency's announcement on the list of dangerous substances No 923/2005.

Danish Working Environment Service's Guide C.0.1, 2005, levels of substances and materials.

Environmental Protection Agency's announcement on Waste No. 619/2000 as amended by No. 1329/2005.

Decree on special duties of manufacturers, suppliers and importers, etc. of substances and materials for the Working Environment Act No 559/2002 + Regulation 1907/2006/EC.

The Working Environment Authority's notice on youth work, 239/2005.

**Edition:** First edition.

**Date:** 20-05-2008

**Compared to last revision this safety data sheet is changed in section:** None (Due to the REACH legislation the version numbers have been zeroed).