

FOSS MATERIAL SAFETY DATA SHEET

Product name: Non Foaming Stella Page: 17
 Last revised date: 2003-09-10 Print date: 2003-09-10
 P/N-no.: 336446 SDS-ID: US-D/6.0

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product name: Non Foaming Stella / 500 g
Application: Cleaning of flow system for MilkoScan™ Container size: Plastic (PE) bottle, 500 g
Supplier: FOSS Electric A/S Emergency phone no.: +45 7010 3370
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2. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains: inorganic salts and non-ionic surfactants.

The following substances shall be indicated according to legislation:

<u>%:</u>	<u>CAS-No.:</u>	<u>EC No.:</u>	<u>Chemical name:</u>	<u>Hazard classification:</u>	<u>Notes:</u>
30-100	10213-79-3		Disodium metasilicate	C:R34 Xi;R37	
10-30	497-19-8	207-838-8	Sodium carbonate	Xi;R36	

3. HAZARDS IDENTIFICATION

The product has been classified according to the legislation in force: C; R34 Xi; R37

Human health: Corrosive. Prolonged contact causes serious eye and tissue damage. Inhalation of powder/dust may cause lung oedema.

Environment: The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

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4. FIRST-AID MEASURES

- Inhalation:** Move injured person into fresh air and keep person calm under observation. If uncomfortable: Seek hospital and bring along these instructions. Inhalation of high concentrations: Move injured person into fresh air immediately. Call an ambulance. Be aware that lung oedema may occur up to 24 hours after exposure. Bring along these instructions.
- Skin contact:** Remove contaminated clothing and flush with plenty of water until pain disappears. If necessary, seek hospital and bring along these instructions.
- Eye contact:** Immediately flush with plenty of water. Remove any contact lenses and open eyelids widely. Call an ambulance. Continue flushing during transport to hospital. Bring along these instructions.
- Ingestion:** Immediately rinse mouth and drink plenty of water. Call an ambulance. Bring along these instructions. Do not induce vomiting.

5. FIRE-FIGHTING MEASURES

- Extinguishing media:** Use fire-extinguishing media appropriate for surrounding materials.
- Specific hazards:** During fire, health hazardous gases may be formed. Due to the small packaging the risk when inhaling gasses formed in a fire is minimal.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Avoid inhalation of dust and contact with skin and eyes. For personal protection, see point 8.
- Environmental precautions:** Avoid discharge into drains, water courses or onto the ground.
- Methods for cleaning up:** Collect spillage with shovel, broom or the like. Flush contaminated area with plenty of water. For waste disposal, see point 13.

7. HANDLING AND STORAGE

- Safe handling advice:** Avoid inhalation of dust and contact with skin and eyes. Observe good industrial hygiene practices. Change contaminated clothing.
- Technical measures:** Avoid spreading dust.
- Technical precautions:** Provide easy access to water supply and eye wash facilities.
- Technical measures for safe storage:** No special precautions.
- Storage conditions:** Store in tightly closed original container.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures: An eye wash bottle must be available at the work site. The risk of inhalation of dust must be minimized as much as possible.

Personal protection: Wear protective gloves and goggles/face shield.
In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).

Hygiene measures: Wash hands after handling.

Environmental exposure controls: No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: white powder
Odour: no specific smell
pH: Approx. 11 (working solution)
Boiling point: not relevant
Flash point: not relevant
Explosive properties: not relevant
Relative density: 1.0
Solubility: soluble in water

10. STABILITY AND REACTIVITY

Stability: Stable under normal temperature conditions.

Conditions/
materials to avoid: None specific.

Hazardous
decomposition products: None under normal conditions.

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11. TOXICOLOGICAL INFORMATION

Inhalation: Dust may irritate throat and respiratory system and cause coughing.
Inhalation of high concentrations: Dust is corrosive. After some hours, injured persons may develop serious shortness of breath and lung oedema.
Working solution: Not relevant at normal room temperatures.

Skin contact: Corrosive. Prolonged contact causes serious tissue damage.
Working solution: Prolonged and frequent contact may cause redness and irritation.

Eye contact: Corrosive. Immediate first aid is necessary.
Working solution: May cause temporary eye irritation.

Ingestion: Corrosive. Even small amounts may cause serious damage. Symptoms are severe burning pains in mouth, throat and stomach.
Working solution: Not relevant.

Specific effects: None known.
This product contains no ingredient listed on the NTP, OSHA or IARC carcinogen lists.

12. ECOLOGICAL INFORMATION

Mobility: The product is water soluble and may spread in water systems.

Degradability: The degradability of the product has not been stated.

Ecotoxicity: The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Dispose of waste and residues according to agreement with local authorities. Waste should be considered as dangerous waste.

Waste from residues: EWC-code: 20 01 15

Empty packaging: EWC-code: 15 01 02

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14. TRANSPORT INFORMATIONUN-number: 3282Proper shipping name: CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.
(Disodium metasilicate)Sea (IMDG):Class: 8
PG: III
MP: No
EmS: F-A, S-B
MFAG: 1Inland waterways: To be handled locally.Air (ICAO/IATA):Class: 8
PG: IIILand (RID/ADR):Class: 8
Packing group III
Primary risk label 8
Subsidiary risk label -

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15. REGULATORY INFORMATIONLabelling:

Contains: Disodium metasilicate



R34

Causes burns.

R37

Irritating to respiratory system.

S22

Do not breathe dust.

S26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39

Wear suitable protective clothing, gloves and eye/face protection.

S45

In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

S60

This material and its container must be disposed of as hazardous waste.

Specific provisions:

National specific regulation may apply.

As a main rule, persons under 18 years of age are not allowed to work with this product. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.

National regulation:

Europe/USA:

This Safety Data Sheet has been prepared according to the EU-regulation.

The following lists and legislation have been checked:

Directives 67/548/EEC on dangerous substances (up to and inclusive of the 28th adaptation) and 1999/45/EC on dangerous preparations.

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

Threshold Limit Values (2003), ACGIH, by the American Conference on Governmental Industrial Hygienists.

The Code of Federal Regulation, Title 29, part 1910. Occupational Safety and Health Standards, Air contaminants.

U.S. Department of health and human services: 2002 - Report on Carcinogens - 10th Ed. International Agency for Research on Cancer (IARC): IARC Monographs on the Evaluation of Carcinogenic Risks to Humans. Lyon: IARC, World Health Organization, 1972-2000.

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16. OTHER INFORMATION

For restrictions on use see point 15.

According to the EU-regulation, the working solution is not classified.

The following sections contain revisions or new statements: 1, 14 and 15.

Wording of Risk Phrases:

R34 Causes burns.

R36 Irritating to eyes.

R37 Irritating to respiratory system.

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

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