SAFETY DATA SHEET

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

1.1. Product identifier

Trade name
Foam Alu 113
Product no.
-
REACH registration number
Not applicable

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

Relevant identified uses of the substance or mixture
Chemicals for industrial purposes
Washing and Cleaning Products (including solvent based products) (PC35)
Roller application or brushing (PROC 10)
Professional uses: Public domain (administration, education, entertainment, services, craftsmen) (SU 22)
Wide dispersive indoor use of processing aids in open systems (ERC8a)
Uses advised against
-
The full text of any mentioned and identified use categories are given in section 16

1.3. Details of the supplier of the safety data sheet

Company and address
NCÅ-Verodan A/S
Industriparken 5
DK-9560 Hadsund
+45 70 27 16 30
www.ncaa.dk
Contact person

E-mail
mail@ncaa.dk
SDS date
2018-11-26
SDS Version
2.0

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service). See section 4 “First aid measures”.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Skin Irrit. 2; H315
Eye Dam. 1; H318
See full text of H-phrases in section 2.2.

2.2. Label elements

Hazard pictogram(s)

Signal word

Danger

Hazard statement(s)

Causes skin irritation. (H315)
Causes serious eye damage. (H318)

Safety statement(s)

General	-
Prevention	Wash hands thoroughly after handling. (P264). Wear protective gloves/eye protection. (P280).
Response	Immediately call a POISON CENTER/doctor. (P310). IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338).
Storage	-
Disposal	-

Identity of the substances primarily responsible for the major health hazards

Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched, Sodium metasilicate pentahydrate

2.3. Other hazards

Not applicable

Additional labelling

Not applicable

Additional warnings

Not applicable

VOC

Not applicable

SECTION 3: Composition/information on ingredients

3.1/3.2. Substances/Mixtures

NAME:	Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched
IDENTIFICATION NOS.:	CAS-no: 69011-36-5 EC-no: - REACH-no: 02-2119552461-55-0000
CONTENT:	2.5 - <5%
CLP CLASSIFICATION:	Acute Tox. 4, Eye Dam. 1 H302, H318

NAME:	Sodium metasilicate pentahydrate
IDENTIFICATION NOS.:	CAS-no: 10213-79-3 EC-no: - REACH-no: 01-2119449811-37
CONTENT:	2.5 - <5%
CLP CLASSIFICATION:	STOT SE 3, Skin. Corr. 1B H314, H335

NAME:	Alanine, N,N,-bis(carbxymethyl)-, trisodium salt
IDENTIFICATION NOS.:	CAS-no: 164462-16-2 EC-no: 423-270-5 REACH-no: 01-0000016977-53
CONTENT:	1 - <2.5%
CLP CLASSIFICATION:	Met. Corr. 1 H290

NAME:	Cocoamphoacetat
IDENTIFICATION NOS.:	CAS-no: 68608-65-1
CONTENT:	1 - <2.5%
CLP CLASSIFICATION:	Skin Irrit. 2, Eye Dam. 1 H315, H318

NAME:	pentapotassium triphosphate
IDENTIFICATION NOS.:	CAS-no: 13845-36-8 EC-no: 237-574-9 REACH-no: 01-2119485639-19-0004
CONTENT:	1 - <2.5%
CLP CLASSIFICATION:	NA

NAME:	sodium hydroxide
IDENTIFICATION NOS.:	CAS-no: 1310-73-2 EC-no: 215-185-5 REACH-no: 01-2119457892-27 Index-no: 011-002-00-6
CONTENT:	0.25 - <1%
CLP CLASSIFICATION:	Met. Corr. 1, Skin. Corr. 1A H290, H314

(*) See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

ATEmix(inhale, vapour) > 20
ATEmix(inhale, dust/mist) > 5
ATEmix(inhale, gas) > 20000
ATEmix(dermal) > 2000
ATEmix(oral) > 2000
Eye Cat. 1 Sum = Sum(Ci/S(G)CLi) = 1,052 - 1,578
Skin Cat. 2 Sum = Sum(Ci/S(G)CLi) = 3,7296 - 5,5944

Detergent:
> 30%: AQUA
< 5%: NON-IONIC SURFACTANTS, TRISODIUM DICARBOXYMETHYL ALANINATE, AMPHOTERIC SURFACTANTS, PHOSPHATES, SODIUM HYDROXIDE

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. The doctor can contact The National Poisons Information Service (dial 111, 24 h service).
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Bring the person into fresh air and stay with him/her.

Skin contact

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with soap and water. Skin cleanser can be used. DO NOT use solvents or thinners.

Eye contact

Remove contact lenses. Flush eyes with plenty of water or salt water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing.

Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

Burns

Not applicable

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

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

IF exposed or concerned: Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous catabolic substances are produced. These are: Some metal oxides. Fire will result in dense black smoke. Exposure to combustion products may harm your health. Fire fighters should wear appropriate protection equipment. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances. Avoid inhalation of vapours from spilled material.

6.2. Environmental precautions

No specific requirements.

6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section on “Disposal considerations” in regard of handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Smoking, storage of tobacco, consumption and storage of food or liquids are not allowed in the workrooms. See section on 'Exposure controls/personal protection' for information on personal protection. Avoid direct contact with the product.

7.2. Conditions for safe storage, including any incompatibilities

Always store in containers of the same material as the original container. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Storage temperature

No data available.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

OEL

sodium hydroxide
Long-term exposure limit (8-hour TWA reference period): - ppm | - mg/m³
Short-term exposure limit (15-minute reference period): - ppm | 2 mg/m³

DNEL / PNEC

PNEC (Alanine, N,N,-bis(carbxymethyl)-, trisodium salt): > 200 mg/l
Exposure: Activated Sludge Plant
Remarks: EC 50 0,5 h

PNEC (Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched): >10.000 mg/l
Exposure: Activated Sludge Plant
Duration of Exposure: Single

8.2. Exposure controls

Compliance with the accepted occupational exposure limits values should be controlled on a regular basis.

General recommendations

Observe general occupational hygiene standards.

Exposure scenarios

In the event exposure scenarios are appended to the safety data sheet, the operational conditions and risk management measures in these shall be complied with.

Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures

Airborne gas and dust concentrations must be kept at a minimum and below current limit values (see

above). Installation of an exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure

Keep containment materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally

Use only CE marked protective equipment.

Respiratory Equipment

No specific requirements.

Skin protection

Dedicated work clothing should be worn.

Hand protection

Recommended: Neoprene. Breakthrough time: > 120 minutes (Class 4)
Material thickness: 0,68 mm.

Eye protection

Wear safety glasses with side shields.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Colour	Colourless
Odour	Characteristic
Odour threshold (ppm)	No data available.
pH	13,2
Viscosity (40°C)	No data available.
Density (g/cm³)	1,04

Phase changes

Melting point (°C)	No data available.
Boiling point (°C)	No data available.
Vapour pressure	No data available.
Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	No data available.

Data on fire and explosion hazards

Flash point (°C)	No data available.
Ignition (°C)	No data available.
Auto flammability (°C)	No data available.
Explosion limits (% v/v)	No data available.
Explosive properties	No data available.

Solubility

Solubility in water	Soluble
n-octanol/water coefficient	No data available.

9.2. Other information

Solubility in fat (g/L)	No data available.
11,6	pH i 1% opløsning

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under the conditions, noted in the section “Handling and storage”.

10.3. Possibility of hazardous reactions

Nothing special

10.4. Conditions to avoid

Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Substance: sodium hydroxide
Species: Rabbit
Test: LD50
Route of exposure: Dermal
Result: 1,350 mg/kg

Substance: sodium hydroxide
Species: Rat
Test: LD50
Route of exposure: Oral
Result: 140-340 mg/kg

Substance: pentapotassium triphosphate
Species: Rat
Test: LD50
Route of exposure: Oral
Result: >2000 mg/l

Substance: Cocoamphoacetat
Species: Rat
Test: LD50
Route of exposure: Oral
Result: 28 mg/kg

Substance: Alanine, N,N,-bis(carbxymethyl)-, trisodium salt
Species: Rat
Test: LD50
Route of exposure: Oral
Result: > 4000 mg/kg

Substance: Alanine, N,N,-bis(carbxymethyl)-, trisodium salt
Species: Rat
Test: LD50
Route of exposure: Dermal
Result: > 4000 mg/kg

Substance: Alanine, N,N,-bis(carbxymethyl)-, trisodium salt
Species: Rabbit
Test: LC50
Route of exposure: Oral
Result: > 5 mg/l

Substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched
Species: Rat
Test: LD50
Route of exposure: Oral
Result: 500-2000 mg/kg

Skin corrosion/irritation

Causes skin irritation.

Data on substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched
Test: OECD Guideline 404
Organism: Rabbit
Result: Not irritating

Serious eye damage/irritation

Causes serious eye damage.

Data on substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched
Test: OECD Guideline 404
Organism: Rabbit
Result: Irritating

Respiratory or skin sensitisation

No data available.

Germ cell mutagenicity

Data on substance: sodium hydroxide
No adverse effect observed.

Data on substance: pentapotassium triphosphate
No adverse effect observed.

Data on substance: Cocoamphoacetat
No adverse effect observed.

Data on substance: Alanine, N,N,-bis(carbxymethyl)-, trisodium salt
No adverse effect observed.

Data on substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched
No adverse effect observed.

Carcinogenicity

Data on substance: sodium hydroxide
No adverse effect observed.

Data on substance: pentapotassium triphosphate
No adverse effect observed.

Data on substance: Cocoamphoacetat
No adverse effect observed.

Data on substance: Alanine, N,N,-bis(carbxymethyl)-, trisodium salt
No adverse effect observed.

Data on substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched
No adverse effect observed.

Reproductive toxicity

Data on substance: sodium hydroxide
No adverse effect observed.

Data on substance: pentapotassium triphosphate
No adverse effect observed.

Data on substance: Cocoamphoacetat
No adverse effect observed.

Data on substance: Alanine, N,N,-bis(carbxymethyl)-, trisodium salt
No adverse effect observed.

Data on substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched
No adverse effect observed.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration hazard

Data on substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched
No adverse effect observed.

Long term effects

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

SECTION 12: Ecological information

12.1. Toxicity

Substance: sodium hydroxide
Species: Fish
Test: LC50
Duration: 96 h
Result: 35 - 189 mg/l

Substance: sodium hydroxide
Species: Crustacean
Test: EC50
Duration: 48 h
Result: 40,4 mg/l

Substance: pentapotassium triphosphate
Species: Fish
Test: LC50
Duration: 48 h
Result: ca 800 mg/l

Substance: Alanine, N,N,-bis(carbxymethyl)-, trisodium salt
Species: Fish
Test: LC50
Duration: 96 h
Result: > 200 mg/l

Substance: Alanine, N,N,-bis(carbxymethyl)-, trisodium salt
Species: Crustacean
Test: EC50
Duration: 48 h
Result: > 200 mg/l

Substance: Alanine, N,N,-bis(carbxymethyl)-, trisodium salt
Species: Algae
Test: EC50
Duration: 72 h
Result: > 200 mg/l

Substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched
Species: Fish
Test: LC50
Duration: 96 h
Result: 1-10 mg/l

Substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched
Species: Algae
Test: EC50
Duration: 72 h
Result: 1-10 mg/l

Substance: Poly(oxy-1,2-ethanediyl), alpha-tridecyl-omega-hydroxy-, branched
Species: Daphnia
Test: EC50
Duration: 48 h
Result: 1-10 mg/l

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
pentapotassium triphosphate	Yes	No data available	No data available
Cocoamphoacetat	Yes	No data available	No data available
Alanine, N,N,-bis(carbxymethyl)...	Yes	No data available	No data available
Poly(oxy-1,2-ethanediyl), alph...	Yes	CO2 Evolution Test	>60%

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
sodium hydroxide	No	-3,88	0

pentapotassium triphosphate	No	No data available	No data available
Cocoamphoacetat	No	No data available	No data available
Alanine, N,N,-	No	No data available	No data available
bis(carbxymethyl...	No	No data available	No data available
Poly(oxy-1,2-ethanediyl), alph...			

12.4. Mobility in soil

sodium hydroxide: Log Koc= -2,994172, Calculated from LogPow ().

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Other adverse effects

Nothing special

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product is not covered by regulations on dangerous waste.

Waste

EWC code

20 01 15 alkalines

Specific labelling

-

Contaminated packing

Contaminated packaging must be disposed of similarly to the product.

SECTION 14: Transport information

14.1 – 14.4

ADR/RID

14.1. UN number	3266
14.2. UN proper shipping name	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
14.3. Transport hazard class(es)	8
14.4. Packing group	III
Notes	-
Tunnel restriction code	-

IMDG

UN-no.	3266
Proper Shipping Name	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.(SODIUM HYDROXIDE)
Class	8
PG*	III
EmS	F-A, S-B
MP**	No
Hazardous constituent	-

IATA/ICAO

UN-no.	3266
Proper Shipping Name	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.(SODIUM HYDROXIDE)
Class	8
PG*	III

14.5. Environmental hazards

-

14.6. Special precautions for user

-

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

(*) Packing group

(**) Marine pollutant

SECTION 15: Regulatory information

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

Restrictions for application

People under the age of 18 shall not be exposed to this product cf. Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

Demands for specific education

-

Additional information

Not applicable The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Seveso

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Sources

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.
The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677. The Stationery Office, 2002.
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP).
EC regulation 1907/2006 (REACH).

15.2. Chemical safety assessment

No

SECTION 16: Other information

▼Full text of H-phrases as mentioned in section 3

H290 - May be corrosive to metals.
H302 - Harmful if swallowed.
H314 - Causes severe skin burns and eye damage.
H315 - Causes skin irritation.
H318 - Causes serious eye damage.
H335 - May cause respiratory irritation.

The full text of identified uses as mentioned in section 1

PC35 = Washing and Cleaning Products (including solvent based products)
PROC 10 = Roller application or brushing
SU 22 = Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
ERC8a = Wide dispersive indoor use of processing aids in open systems

Additional label elements

Not applicable

Other

In accordance with Regulation (EC) No. 1272/2008 (CLP) the evaluation of the classification of the mixture is based on:
The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)
It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The safety data sheet is validated by

AJA

Date of last essential change (First cipher in SDS version)

2017-02-07(1.0)

Date of last minor change (Last cipher in SDS version)

2017-02-07