

Safety Data Sheet

Natrium vandglas Neutral

Version: 1.0.0

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

1.1. Product identifier

Trade name: Natrium vandglas Neutral

Unique Formula Identifier (UFI): VH00-F0DF-Q006-THU1/GM00-Y02V-000P-FVE3

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

Recommended uses: Industiral use in the chemical /fertiliser /photographic /Offshore industry as such (substance itself) or in a mixture. Drilling and production operations. Bleaching agents. Surface treatment.

Inadvisable uses: None.

1.3. Details of the supplier of the safety data sheet

Manufacturer

Company: Bollerup Jensen A/S
Address: Bindsbølvej 16-20, Ådum
Zip code: 6880
City: Tarm
Country: DENMARK
E-mail: info@bollerup-jensen.dk
Phone: +45 9737 6033
Homepage: www.bollerupjensen.dk

1.4. Emergency Telephone Number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: The product shall not be classified as hazardous according to the classification and labeling rules for substance and mixtures.

2.2. Label elements

P-phrases

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P501 Dispose of contents/container in accordance with local regulations.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
Sodium silicate MR>3.2 (Lumps)	1344-09-8	215-687-4	01-2119448725-31	25 - 50%		

Please see section 16 for the full text of H-phrases.

SECTION 4: First aid measures

Safety Data Sheet

Natrium vandglas Neutral

Version: 1.0.0

4.1. Description of first aid measures

Inhalation:	Seek fresh air.
Ingestion:	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice immediately.
Skin contact:	Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
Eye contact:	Open eye wide, remove any contact lenses and flush immediately with water (preferably using eye wash equipment). Seek medical advice immediately. Continue flushing until medical attention is obtained.
General:	When obtaining medical advice, show the safety data sheet or label.

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

May irritate the skin - may cause reddening. Eye contact may result in deep caustic burns, pain, tearing and cramping of the eyelids. Risk of serious eye injury and loss of sight.

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

Treat symptoms.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media:	The product is not directly flammable. Choose extinguishing agents based on the surrounding fire.
Unsuitable extinguishing media:	Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for fire-fighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:	Stop leak if this can be done without risk. Wear gloves. Wear safety goggles.
For emergency responders:	Normal protective clothing equivalent to EN 469 is recommended.

6.2. Environmental precautions

Do not discharge large quantities of concentrated spills and residue into drains. Notify proper authorities in case of contamination of soil or aquatic environment or discharge to drains.

6.3. Methods and material for containment and cleaning up

Sweep up/collect spills for possible reuse or transfer to suitable waste containers. Wipe up minor spills with a cloth. Rinse with water.

6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Running water and eye wash equipment must be available. Avoid contact with skin and eyes.

Safety Data Sheet

Natrium vandglas Neutral

Version: 1.0.0

7.2. Conditions for safe storage, including any incompatibilities

Keep in tightly closed original packaging. Store safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Store frost-free.

7.3. Specific end use(s)

No special uses in addition to identified uses in 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit: Contains no substances subject to reporting requirements

Measuring methods: Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

Legal basis: EH40/2005 Workplace exposure limits. Last amended January 2020.

8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment, eye/face protection: Wear safety goggles if there is a risk of eye splash.

Personal protective equipment, skin protection: Wear suitable protective clothing.

Personal protective equipment, hand protection: Wear gloves. Type of material: Nitrile rubber/ Neoprene rubber/ Butyl rubber/ Rubber.

Personal protective equipment, respiratory protection: Not required.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Liquid
Colour	Colourless
Odour	Odourless
Solubility	Soluble in water
Explosive properties	Non-explosive
Oxidising properties	Non-oxidising.

Parameter	Value/unit	Remarks
pH (solution for use)	No data	
pH (concentrate)	12	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	No data	
Flash Point	No data	
Evaporation rate	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	

Safety Data Sheet

Natrium vandglas Neutral

Version: 1.0.0

Vapour pressure	No data	
Vapour density	No data	
Relative density	No data	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
Viscosity	No data	
Odour threshold	No data	

9.2 Other information

Parameter	Value/unit	Remarks
Density	1,26-1,36	g/ml

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts under heat generation with the following: Acids.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

May react powerful by contact with acids and metals.

10.4. Conditions to avoid

Avoid direct sunlight.

10.5. Incompatible materials

Acids/ Metals.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral:	Ingestion may cause discomfort.
Acute toxicity - dermal:	No hazards.
Acute toxicity - inhalation:	No hazards.
Skin corrosion/irritation:	May irritate the skin - may cause reddening.
Serious eye damage/eye irritation:	Eye contact may result in deep caustic burns, pain, tearing and cramping of the eyelids. Risk of serious eye injury and loss of sight.
Respiratory sensitisation or skin sensitisation:	No hazards.
Germ cell mutagenicity:	No mutagenic effects observed.
Carcinogenic properties:	No carcinogenic effects observed.
Reproductive toxicity:	No indications.

Safety Data Sheet

Natrium vandglas Neutral

Version: 1.0.0

Single STOT exposure:	No hazards.
Repeated STOT exposure:	No hazards.
Aspiration hazard:	Test data are not available.
Other toxicological effects:	None known.

SECTION 12: Ecological information

12.1. Toxicity

Occasional major emissions or frequently recurring minor emissions may have a harmful or disturbing effect.

12.2. Persistence and degradability

Readily biodegradable.

12.3. Bioaccumulative potential

No bioaccumulation expected.

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

The product affects the pH value of the local aquatic environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Collect concentrated spills and major waste in closed, leak-proof containers for disposal at the local hazardous waste site. EWC code: Depends on line of business and use, for instance Empty, cleansed packaging should be disposed of for recycling. Uncleansed packaging is to be disposed of via the local waste-removal scheme.

Category of waste: 06 02 99 wastes not otherwise specified

SECTION 14: Transport information

14.1. UN-No.:	Not applicable.	14.4. Packing group:	Not applicable.
14.2. UN proper shipping name:	Not applicable.	14.5. Environmental hazards:	Not applicable.
14.3. Transport hazard class(es):	Not applicable.		

14.6. Special precautions for user

None.

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

Not included.

SECTION 15: Regulatory information

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

Safety Data Sheet

Natrium vandglas Neutral

Version: 1.0.0

Special Provisions: Council Directive (EC) on the protection of young people at work. Regulation (EC) of the European Parliament and on the Council no. 1272/2008. Special care should be applied for employees under the age of 18. Young people under the age of 18 may not carry out any work causing harmful exposure to this product.

15.2. Chemical Safety Assessment

Other Information: Chemical safety assessment has not been performed.

SECTION 16: Other information

Version history and indication of changes

Version	Revision date	Responsible	Changes
1.0.0	28/10/2020	MBK	

Abbreviations: DNEL: Derived No Effect Level PNEC: Predicted No Effect Concentration STOT: Specific Target Organ Toxicity PBT: Persistent, Bioaccumulative and Toxic vPvB: Very Persistent and Very Bioaccumulative

References to literature and data sources: CEES (Centre Européen d'Etude des Silicates) June 2014

Other Information: This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

Training advice: A thorough knowledge of this safety data sheet should be a prerequisite condition.

Classification method: Expert judgement. Test has shown that the product, despite extreme pH, is not corrosive.

SDS is prepared by

Company: Bollerup Jensen Group A/S
Address: Bindsbølvej 16-20
Zip code: 6880
City: Tarm
Country: DENMARK
E-mail: info@bollerup-jensen.dk
Homepage: www.bollerupjensen.dk

Document language: GB

Print date: 26/11/2020