

SAFETY DATA SHEET

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

1.1. Product identifier

Trade name

Softwood Lye

Product no.

-

REACH registration number

Not applicable

Unique formula identifier (UFI)

-

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

Relevant identified uses of the substance or mixture

Wood surfaces, indoors

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

WOCA Denmark A/S

Tværvej 6

6640 Lunderskov

Denmark

TEL +45 99585600

Fax +45 99585636

Contact person

JLH

E-mail

info@wocadenmark.com

SDS date

2019-07-31

SDS Version

3.0

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

Met. Corr. 1; H290

Skin Corr. 1B; H314

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)**

May be corrosive to metals. (H290)
Causes severe skin burns and eye damage. (H314)

▼ **Precautionary statements**

General	If medical advice is needed, have product container or label at hand. (P101). Keep out of reach of children. (P102).
Prevention	Keep only in original container. (P234). Wear eye protection. (P280).
Response	Immediately call a POISON CENTER/doctor. (P310). Absorb spillage to prevent material damage. (P390). IF SWALLOWED: rinse mouth. Do NOT induce vomiting. (P301+P330+P331). IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. (P303+P361+P353). 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	Store locked up. (P405).
Disposal	Dispose of contents/container to an approved waste disposal plant. (P501).

▼ **Identity of the substances primarily responsible for the major health hazards**

CALCIUM,DIHYDROXIDE, sodium hydroxide caustic soda

▼ **2.3. Other hazards**

Not applicable

▼ **Additional labelling**

Not applicable

▼ **Additional warnings**

Tactile warning. If this product is sold in retail, it must be delivered with child-resistant fastening.

▼ **VOC (volatile organic compound)**

VOC-Max: <2,5 g/l, MAXIMUM VOC CONTENT (A/g (WB)): 30 g/l.

SECTION 3: Composition/information on ingredients

▼ **3.1/3.2. Substances/Mixtures**

NAME:	CALCIUM,DIHYDROXIDE
IDENTIFICATION NOS.:	CAS-no: 1305-62-0 EC-no: 215-137-3
CONTENT:	2.5 - <5%
CLP CLASSIFICATION:	Eye Dam. 1 H318
NOTE:	L

NAME:	sodium hydroxide caustic soda
IDENTIFICATION NOS.:	CAS-no: 1310-73-2 EC-no: 215-185-5 Index-no: 011-002-00-6
CONTENT:	2.5 - <5%
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(oral) > 2000
Eye Cat. 1 Sum = Sum(Ci/S(G)CLi) = 2,6344 - 3,9516
Skin Cat. 2 Sum = Sum(Ci/S(G)CLi) = 7,8216 - 11,7324

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 0344 892 0111 (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**

In the case of ingestion, contact a doctor immediately and bring the safety data sheet or label. If the person is conscious, give them water. DO NOT try to induce vomiting, unless this is recommended by a doctor. Hold head facing down to prevent vomit returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns

Not applicable

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, -irritations and burns in the respiratory organs -as well as coughing. Dermal contact and contact with the eye cause irreversible 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.

▼ **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: Carbon oxides. 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**

Store frost-free.

▼ **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 caustic soda

Long-term exposure limit (8-hour TWA reference period): - ppm | - mg/m³

Short-term exposure limit (15-minute reference period): - ppm | 2 mg/m³

CALCIUM,DIHYDROXIDE

Long-term exposure limit (8-hour TWA reference period): - ppm | 5 mg/m³

Short-term exposure limit (15-minute reference period): - ppm | - mg/m³

▼ **DNEL / PNEC**

DNEL (sodium hydroxide caustic soda): 1 mg/m³

Exposure: Inhalation

Duration of Exposure: Long term – Local effects - Workers

Remarks: ECHA

DNEL (sodium hydroxide caustic soda): 1 mg/m³

Exposure: Inhalation

Duration of Exposure: Long term – Local effects - General population

Remarks: ECHA

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. Wear a protective suit in the event of prolonged periods of work with the product.

▼ **Hand protection**

Nitrile rubber

Breakthrough time: See the manufacturer's instructions.

▼ **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	White
Odour	Faint
Odour threshold (ppm)	Not determined
pH	13-14
Viscosity (40°C)	Not determined
Density (g/cm ³)	1-1,1

▼ **Phase changes**

Melting point (°C)	Not determined
Boiling point (°C)	Not determined
Vapour pressure	Not determined
Decomposition temperature (°C)	Not determined
Evaporation rate (n-butylacetate = 100)	Not determined

▼ **Data on fire and explosion hazards**

Flash point (°C)	Not determined
Ignition (°C)	Not determined
Auto flammability (°C)	Not determined
Explosion limits (% v/v)	Not determined
Explosive properties	Not determined

▼ **Solubility**

Solubility in water	Soluble
n-octanol/water coefficient	Not determined

▼ **9.2. Other information**

Solubility in fat (g/L)	Not determined
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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**

Not determined

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Causes serious eye damage.

▼ Respiratory or skin sensitisation

Not determined

▼ Germ cell mutagenicity

Not determined

▼ Carcinogenicity

Not determined

▼ Reproductive toxicity

Not determined

▼ STOT-single exposure

Not determined

▼ STOT-repeated exposure

Not determined

▼ Aspiration hazard

Not determined

▼ Long term effects

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, -irritations and burns in the respiratory organs -as well as coughing. Dermal contact and contact with the eye cause irreversible 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 caustic soda

Species: Fish

Test: EC50

Duration: 96 h

Result: < 180 mg/L

Substance: sodium hydroxide caustic soda

Species: Daphnia

Test: EC50

Duration: 48 h

Result: 40,4 mg/l

▼ 12.2. Persistence and degradability

Substance

Biodegradability

Test

Result

Not determined

▼ 12.3. Bioaccumulative potential

Substance

Potential bioaccumulation

LogPow

BCF

Not determined

12.4. Mobility in soil

No data available

▼ 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 covered by the regulations on hazardous waste.

Waste

EWC code

-

▼ Specific labelling

Not applicable

▼ Contaminated packing

Contaminated packaging must be disposed of similarly to the product.

SECTION 14: Transport information

14.1 – 14.4

This product is within scope of the regulations of transport of dangerous goods.

▼ ADR/RID

14.1. UN number	1824
14.2. UN proper shipping name	SODIUM HYDROXIDE SOLUTION
14.3. Transport hazard class(es)	8
14.4. Packing group	II
Notes	-
Tunnel restriction code	-

▼ IMDG

UN-no.	1824
Proper Shipping Name	SODIUM HYDROXIDE SOLUTION
Class	8
PG*	II
EmS	-
MP**	No
Hazardous constituent	-

▼ IATA/ICAO

UN-no.	1824
Proper Shipping Name	SODIUM HYDROXIDE SOLUTION
Class	8
PG*	II

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

Seveso

-

Sources

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.
 Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC.
 The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677. The Stationery Office, 2002.
 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.
H314 - Causes severe skin burns and eye damage.
H318 - Causes serious eye damage.

The full text of identified uses as mentioned in section 1

-

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)

The classification of the mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion 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

JLH

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

2015-01-30(2.0)

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

2015-01-30