

SAFETY DATA SHEET

EC Regulation No.1907/2006 (REACH) & 1272/2008 (CLP)

THIS PRODUCT IS FOR EXTERNAL USE ONLY - DO NOT INGEST

1. IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY

Product identifier

Commercial Name: CAUSTIC SODA
INCI Name: SODIUM HYDROXIDE
CAS No: 1310-73-2
EINECS No: 215-185-5
TSCA CAS No:
FEMA:
Ph. Eur. Name: Natrii hydroxidum
Chemical Name: Sodium hydroxide
Origin: E.U

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

Identified use (s): Laboratory chemical manufacturing, buffering, denaturant.

Details of the supplier of the safety data sheet

Company Name: SOAPMAKERS STORE
Contact: JOHN BLACK
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Email : ✉ sales@soapmakers-store.com
Emergency Tel. No.: ☎ + 44 (0) 1908 334108

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification according to Regulation (EC) No. 1272/2008 (CLP)

Symbols:



Signal word: DANGER

Hazard Class	Abbreviation	Hazard Category	Hazard Code	Hazard Statement
Skin Corrosion/Irritation	SCI	1	H314	Causes severe skin burns and eye damage
Eye Damage/Irritation	EDI	1	H318	Causes serious eye damage

UN Global Harmonised System Precautionary Statements (CLP)

	Prevention Statements
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/clothing, eye/face protection
P264	Wash hands thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment



	Response Statements
P301/330/331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P303/361/353	IF ON SKIN: Remove immediately all contaminated clothing. Rinse skin with water/shower.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minute. Remove contact lenses, if present and easy to do. Continue rinsing
P310	Immediately call a POISON CENTRE or doctor
P321/363	Protective clothing should be washed before reuse
P362	Take off contaminated clothing and wash before reuse.
P353	Rinse skin with water/shower.
P370/378	In case of fire: Use carbon dioxide, foam or dry powder for extinction.

	Storage and Disposal Statements
P403/235	Store in a well ventilated place. Keep cool
P405	Store locked up
P501	Dispose of contents and container in accordance with international regulation

3. COMPOSITION/INFORMATION ON CONSTITUENTS

Nature Of Product: SODIUM HYDROXIDE (Caustic soda)

Formula: NaOH **Molecular weight:** 40.00g/ml

EINECS No: 215-185-5

CAS No: 1310-73-2

TSCA CAS No:

FEMA:

FDA:

HC (%):

Hazardous Constituents:

SODIUM HYDROXIDE		Percentage	= 100.0
EINECS No:	215-185-5	CAS No:	1310-73-2
DSD Classification	C R35	GHS Classification	SCI 1A
		Percentage	
EINECS No:		CAS No:	
DSD Classification		GHS Classification	
		Percentage	
EINECS No:		CAS No:	
DSD Classification		GHS Classification	
		Percentage	
EINECS No:		CAS No:	
DSD Classification		GHS Classification	
		Percentage	
EINECS No:		CAS No:	
DSD Classification		GHS Classification	

Allergen Constituents Information:

See above

7th Amendment Cosmetic Directive 76/768/EEC

4. FIRST AID MEASURES

- Ingestion:** Do not induce vomiting, give a glass of water. Seek urgent medical attention and show this information.
- Inhalation:** Remove casualty to fresh air, keep respiratory passages clear and seek urgent medical attention.
- Eye contact:** Irrigate with sterile water or saline for at least 15 minutes. Seek urgent medical attention if irritation persists or tissue damage is apparent.
- Skin contact:** Remove contaminated clothing wash thoroughly with soap and water and rinse. If causes irritation after prolonged contact, if so seek medical advice.

5. FIRE-FIGHTING MEASURES

- Extinguisher:** Use CO₂, Water, Foam or Powder extinguishers only. Sodium oxide by-product hazard.
- Smoke/Fumes:** Avoid inhalation of smoke or fumes, may produce CO (carbon monoxide) and CO₂ (carbon dioxide).

6. ACCIDENTAL RELEASE MEASURES

- Personal Safety Precautions:** Avoid contact with skin and eyes. Wear safety gloves, clothing and glasses. (Consult sections 7 & 8 for additional information)
- Environmental Safety Precautions:** Eliminate all sources of ignition. Prevent any material entering drains or waterways. Pick up and arrange disposal without creating dust. Wash area clean with water and detergent. Transfer all waste to an approved waste disposal container, observing national legislation.

7. HANDLING AND STORAGE

- Handling Precautions:** Avoid dust formation. Only use in a well ventilated area. Provide exhaust ventilation in place where dust is formed. Observe good housekeeping procedures when handling the product. Do not eat, drink or smoke.
- Storage Precautions:** Product is stable at room temperature. Keep away from sources of ignition. Store in tightly sealed containers, in a cool dry place away from direct sunlight. Prevent access by unauthorised personnel.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Respiratory Protection:** Ensure adequate ventilation. If ventilation is insufficient use approved respirators.
- Skin/Hand Protection:** Wear personal protective equipment. Wear complete protective suit. Use chemical resistant safety gloves. Polyvinyl alcohol or nitrile rubber gloves are recommended.
- Eye/Face Protection:** Wear face shield & safety glasses/visors. Ensure eye washes are available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White pellets
Odour:	Odourless
pH @ 20°C :	14 at 50g/l
Boiling Point:	1390°C
Relative Density @ 20°C:	2.1300g/cm ³
Solubility in water@ 20°C :	ca. 1260 g/l

10. STABILITY AND REACTIVITY

Thermal stability: Product is stable at room temperature.
Keep away from any source of ignition.
Decomposition may release carbon dioxide, carbon monoxide and other organic compound fumes.

Hazardous reactions: Avoid strong oxidisers, acids and alkalis.

11. TOXICOLOGICAL INFORMATION

Oral LD50: N/A **This product is NOT intended for oral use.**

Dermal LD50: N/A

LD50 dosage levels are only a guideline obtained from historical data, Soapmakers Store does not test its products on animals.

12. ECOLOGICAL INFORMATION

Ecological effects: LC₅₀ - Ganbusia affinis - 125mg/l (96 hours)
LC₅₀ - Oncorhynchus mykiss - 45.4mg/l (96 hours)
EC₅₀ - Daphnia - 40.38mg/l (48 hours)

Care must be used to prevent the product contaminating rivers, waterways or drains. Should this happen alert the relevant authorities in accordance with statutory procedures

13. DISPOSAL CONSIDERATIONS

Waste disposal: Do not pour into drains or waterways.
Comply with local and national regulations for waste disposal.
Empty containers should be washed thoroughly with detergent before being sent for disposal. Washings should be disposed of as waste.

14. TRANSPORT INFORMATION

Transport this product in compliance with and provision of, the ADR/RID for Road and Rail, IMDG for Sea and ICAO/IATA for Air transportation.

UN Shipping Name (N.O.S.): Sodium Hydroxide
ADR/RID (Road/Rail): Class 8
IMDG/IMO (Sea): Class 8
ICAO/IATA (Air): Class 8
UN Number: 1823
Packing Group: II
Subsidiary Risk:
Packing Instructions: Miscellaneous dangerous substances and articles, transport in suitable container.

Labelling according to ADR/RID, IMDG/IMO and ICAO/IATA:

UN Shipping Name: UN 1823 SODIUM HYDROXIDE, SOLID



15. REGULATORY INFORMATION

Product Classification: SODIUM HYDROXIDE

This product is labelled according to the criteria of Directive CLP 1272/2008/EC.

Classification:



DANGER
UN 1823

Hazard Categories:

SCI 1 Causes severe skin burns and eye damage
EDI 1 Causes serious eye damage

16. ADDITIONAL INFORMATION

Legal disclaimer:

The information given on this material health and safety sheet is not a warranty as to the performance or suitability of the product. The information must be regarded only as a description of the health, safety and environmental requirements for that product. The information contained herein is true and accurate to the best of our knowledge and belief, but does not claim to be all inclusive. Soapmakers Store is a Division of Aroma Trading Ltd, Registered No. 2698381, V.A.T. Registration No. 600 516 981 and as such, shall not be held liable for any damage resulting from handling or from contact with the product, since the conditions of use are out of our control. It is the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.