

TECHNICAL BULLETIN



19 Motivation Dve Wangara, WA, 6065 AUSTRALIA
T +61 8 9302 4000 | FREE 1800 999 196 | F +61 8 9302 5000

CAUSTIC SODA SOLUTIONS LIQUID SODIUM HYDROXIDE

UN 1824
SODIUM HYDROXIDE SOLUTION
CLASS 8 HAZCHEM 2R PG II

FIRST AID: For advice, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor (at once). If swallowed, do NOT induce vomiting. If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

SAFETY DIRECTIONS: WARNING: Corrosive. May produce severe burns. Attacks skin and eyes. Wear suitable gloves and eye/face protection when mixing or using. Do not mix with hot water.

EMERGENCY INFORMATION:
SMALL SPILLS: In case of small spills, flush with large quantities of water.
LARGE SPILLS: Contain using sand to prevent runoff into drains and waterways. Transfer into drums for disposal. Residues should be neutralised with dilute acid.

POISON
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

CORROSIVE
8

CAUSTIC SODA 50%
Contains greater than 750g/L Sodium Hydroxide

Batch No: _____

NET CONTENTS
 15 L
 200 L

Additional information is listed in the Material Safety Data Sheet
IN AN EMERGENCY DIAL 000 POLICE OR FIRE BRIGADE

Manufactured by **Environex International**
19 Motivation Drive, Wangara, WA 6065
Ph: (08) 9302 4000 • sales@environex.net.au
www.environex.net.au

MATERIAL & FUNCTION

LIQUID CAUSTIC SODA is a colorless, odorless liquid. It is usually produced as part of the same process that creates chlorine. Used as a neutralizing agent, **CAUSTIC SODA** is an important component in the petroleum, pulp and paper and alumina industries. **CAUSTIC SODA** is also used in a wide range of chemical processes

PRECAUTIONS:

This product is classified as a Dangerous Good for transport and storage purposes, and is classified by worksafe as hazardous. **Consult the material safety data sheet for details.** In general, protective clothing and eye protection are required. Sodium hydroxide can produce severe burns to skin and permanent eye damage.

PROPERTIES

Appearance: a viscous, odorless, colorless liquid

Specific Gravity: 1.5

Typical Analytical Results: NaOH 48.4 %; Na₂CO₃ 0.2 %; NaCl, 79 mg/kg; Hg <0.005 mg/kg.

% of Solution	10%	25%	30%	33%	36%	50%
Boiling Point(°C):	103	112	117	118	123	142
Specific Gravity @ 20°C:	1.109	1.252	1.328	1.363	1.397	1.525

TECHNICAL BULLETIN



19 Motivation Dve Wangara, WA, 6065 AUSTRALIA
T +61 8 9302 4000 | FREE 1800 999 196 | F +61 8 9302 5000

Freezing Point (°C): -12 -10 2 7 14 12

APPLICATION

Food Industry:

CIP cleaning of vats and tanks. Suitable for tank cleaning in the Dairy Industry. Use approximately 125 mL in 100L. In all cases rinse thoroughly after use. Check final rinsing with pH paper (pH <9). Allow tank to drain after rinsing.

General Cleaning

Industrial Cleaning of floors and machinery from foods and fat deposits. Use 0.1-4.0 % sodium hydroxide (200mL to 8L per 100 L of water). A detergent wash before rinsing will assist in removal of residual alkali and soaps.

– drains. For unblocking grease traps and drains. Use 1L neat for normal household drains (caution – heat, spitting and blowback may occur).

PACKAGING

15L, 20L plastic cube, 110 L PI drum, 200L mauser, 1000L bulki

IMPORTANT NOTICE TO CUSTOMER

*Since the use of this product is beyond the control of either seller or manufacturer, their only obligation shall be to replace any quantity of product which is proven defective. They cannot assume any risk or liability in excess of the purchase price of the product itself, which does not include labour or any consequential damages resulting from the use of this product. Determining the suitability of this product for any intended use shall be solely the responsibility of the user. **ALWAYS TEST FIRST.***