

Infosafe No™ VARC7	Issue Date : October 2024	ISSUED by HUNTERST
Product Name CAUSTIC SODA LIQUID 30%		

Section 1 - Identification

Product Identifier	CAUSTIC SODA LIQUID 30%
Company Name	Hunters Products (TAS) Pty. Ltd. (ABN 004 601 263)
Address	60 Gleadow Street INVERMAY TAS 7248 AUSTRALIA
Telephone/Fax Number	Tel: 03 6331 4755 Fax: 03 6334 1065
Emergency Phone Number	0417 744 144
Recommended use of the chemical and restrictions on use	As a caustic alkali. Use as directed on the product label.

Section 2 - Hazard(s) Identification

GHS Classification of the Substance/Mixture	Eye damage/irritation: Category 1 Skin corrosion/irritation: Category 1B
Signal Word	DANGER
Hazard Statement (s)	H314 Causes severe skin burns and eye damage.
Pictogram (s)	Corrosion



Precautionary Statement – Prevention	P260 Do not breathe dust/fume/gas/mist/vapours/spray. P264 Wash contaminated skin thoroughly after handling. P280(f) Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement – Response	P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/doctor. P363 Wash contaminated clothing before reuse. P405 Store locked up.
Precautionary Statement – Storage	
Precautionary Statement – Disposal	P501 Dispose of contents/container in accordance with local regulations.
Precautionary Statement – General	P102 Keep out of reach of children. P103 Read carefully and follow all instructions.

Section 3 - Composition and Information on Ingredients

Ingredients	Name	CAS	Proportion
	Sodium hydroxide	1310-73-2	30%
	Water	7732-18-5	to 100%

Section 4 - First Aid Measures

Inhalation	Remove from exposure. If aspirated into the lungs, obtain immediate medical attention.
Ingestion	Immediately rinse mouth with water. Do NOT induce vomiting. Give a glass of water to be taken slowly. Seek immediate medical attention.

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Skin	Remove all contaminated clothing and immediately wash affected area with plenty of water. If swelling, redness, blistering or irritation occurs, seek medical advice.
Eye	Hold eyes open and flood with running water for at least 15 minutes, bathe eyes with soothing eyedrops or sterile saline, urgently seek medical attention. Transport to hospital or medical centre.
First Aid Facilities	Eye wash station and normal washroom facilities. Emergency shower if handling industrial quantities.
Advice to Doctor	Product is a concentrated aqueous solution of sodium hydroxide. Corrosive by all routes. Risk of serious eye damage. If swallowed, may cause holes in stomach and intestines. Contact Poisons Information Centre.

Section 5 - Firefighting Measures

Suitable Extinguishing Media	Use extinguishing media appropriate to surrounding fire.
Hazards from Combustion Products	Water vapour, oxides of sodium.
Specific Methods	In case of small fire/explosion use water. In case of major emergency use PPE: breathing apparatus and protective gloves.
Specific Hazards Arising from the Chemical	Not flammable. Contact with aluminium, tin, zinc or galvanised iron may generate hydrogen, a flammable gas. Will react vigorously or violently with acids, generating much heat, and giving off carbon dioxide, a simple asphyxiant. Contact with ammonium compounds will generate ammonia, a poisonous gas.
Hazchem Code	2R

Section 6 - Accidental Release Measures

Emergency Procedures	Contain.
Spills & Disposal	For large spills: Contain spillages with sand or earth. Transfer both liquid and solids to suitable container(s). Treat residues as for small spills. For small spills: If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise, absorb on inert absorbent and transfer to suitable container. Wash site of spillage thoroughly with water and detergent. Ventilate area to dispel any residual vapours.

Section 7 - Handling and Storage

Conditions for safe storage, including any incompatibilities	Store in cool place in original container. Store away from oxidisers, acids and foodstuffs. Keep containers closed when not in use. Store out of reach of children. Large quantities should be stored in a bunded area. Do not mix with other chemicals. Clean up all spills and splashes promptly; avoid secondary accidents.
Unsuitable Materials	Acids, active metals, ammonium compounds, nitro compounds, organic halides.

Section 8 - Exposure Controls and Personal Protection

Occupational Exposure Limit (OEL) Values	Name		STEL		TWA		Footnote
			mg/m3	ppm	mg/m3	ppm	
	Sodium hydroxide				2		Peak limitation
Engineering Controls	In very confined spaces have sufficient ventilation. Do not atomise the product. Do not enter confined spaces where vapours may have accumulated. Keep containers closed when not in use. Do not decant in unlabelled bottles. Avoid using aluminium, tin, zinc, galvanised iron, wood or wood products as materials of construction.						

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Personal Protective Equipment	Avoid contact with skin and eyes. Avoid breathing aerosols. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:- Normal Use: - Eye/face protection - Gloves, rubber or plastic. Industrial Quantities: - Face shield or safety glasses - Gloves, rubber or plastic - Plastic apron, sleeves and boots - Impervious overalls. Always maintain a high level of personal hygiene when using cleaning chemicals. That is wash hands before eating, drinking, smoking or using the toilet.
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Section 9 - Physical and Chemical Properties

Form	Liquid
Appearance	Clear, almost colourless liquid.
Odour	Practically odourless.
Boiling Point	approx. 100C
Solubility in Water	Miscible with water in all proportions.
Specific Gravity	1.4
pH	>13
Flash Point	None
Flammability	Not flammable.
Other Information	Highly alkaline. Will react vigorously or violently with acids or acidic salts. Will absorb carbon dioxide from the air, forming carbonates. Will attack active metals (such as aluminium, lead, tin, zinc or galvanised iron) generating hydrogen, a flammable gas. Contact with ammonium compounds may generate ammonia, a toxic gas. Will attack wood, sawdust, wood shavings and wood products (such as paper, cardboard, chipboards). May attack glass on prolonged contact. Will saponify animal fats and tallows, forming soaps. Corrosive to living tissues. Incompatible with nitro compounds, organic halides. Very slippery when spilled.

Section 10 - Stability and Reactivity

Chemical Stability	Stable under normal use conditons.
Possibility of Hazardous Reactions	Hydrogen gas is generated when undiluted material contacts aluminium, zinc or tin. May react violently with acids. May generate ammonia from ammonium compounds. May react violently with organic halides. May form shock-sensitive salts with nitro compounds.
Conditions to Avoid	Incompatible materials.
Incompatible Materials	Acids and acidic compounds, active metals, ammonium compounds, glass, nitro compounds, organic halides, wood and paper products.
Hazardous Decomposition Products	Oxides of sodium.

Section 11 - Toxicological Information

Acute Toxicity - Oral	LD50: Sodium hydroxide No data LDLo: Sodium hydroxide 1.57 mg/kg oral, human - anorexia, body temperature increase, primary irritation (after topical exposure), death.
Ingestion	Corrosive. May be fatal. Causes severe damage to any tissues it comes into contact with. May cause swelling of the larynx and subsequent suffocation. May cause burns in the mouth and throat, nausea, vomiting, diarrhoea (sometimes bloody), fall in blood pressure, heart failure, coma and death. May cause

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Inhalation	perforation of the stomach and intestines. The sites of subsequent scarring has been associated with the development of stomach cancers. Aerosols may cause damage to the lungs and upper respiratory tract. Effects may range from mild irritation, coughing, a burning sensation, laboured breathing, sneezing, sore throat and runny nose, to severe pneumonitis (inflammation of lung tissues). Over-exposure may cause pulmonary oedema (fluid build-up in the lungs) with potential to become a medical emergency. Onset of symptoms may be delayed for several hours.
Skin	Corrosive to skin - may cause skin burns. Skin contact often does not cause pain, thus care should be taken to avoid contamination of gloves and footwear. Repeated or prolonged contact may lead to irritant contact dermatitis. Mists or aerosols may cause small burns.
Eye	Corrosive. Risk of serious eye damage, and permanent impairment of sight. May cause redness, pain and blurred vision. Liquid splashes into the eye may rapidly cause severe tissue damage and deep burns.
Chronic Effects	Long term, low level exposure can lead to irritation of skin, lungs, nose, throat and mouth.

Section 12 - Ecological Information

Ecotoxicity	Harmful to aquatic organisms.
Persistence and Degradability	No data.
Mobility	Readily transported by water.
Environmental Protection	Avoid contaminating waterways, drains, sewers, or ground.

Section 13 - Disposal Considerations

Waste Disposal	Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Normally suitable for disposal by approved waste disposal agent.
Product Disposal	Avoid disposal to natural waters or the environment.
Container Disposal and Methods	Do not use containers of aluminium, tin, zinc, galvanised iron, or glass.
Special Precautions for Incineration or Landfill	May be unsuitable for some landfill sites.

Section 14 - Transport Information

Transport Information	Classified as a Class 8 Dangerous Good. Dangerous Goods of Class 8 Corrosives are incompatible in a placard load with any of the following: - Class 1, Class 4.3, Class 5, Class 6, if the Class 6 dangerous goods are cyanides and the Class 8 dangerous goods are acids and Class 7. Store away from acids.
ADG UN Number	1824
ADG Proper Shipping Name	SODIUM HYDROXIDE SOLUTION
ADG Transport Hazard Class	8
ADG Packing Group	II
Hazchem Code	2R
EPG Number	8A1
IERG Number	37

Section 15 - Regulatory Information

Poisons Schedule	S6
Australia (AICS/AIIC)	All components listed.

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Section 16 - Any Other Relevant Information

Date of Preparation 26/10/2024

Literature References Preparation of Safety Data Sheets for hazardous Chemicals Code of Practice
Standard for the Uniform Scheduling of Medicines and Poisons
Australian Code for the Transport of Dangerous Goods by Road & Rail
Globally Harmonised System of classification and labelling of chemicals GHS7

Signature of Preparer/Data Service Technical Manager 0417 744 144

Technical Contact Numbers Emergency Advice All Hours:
Technical Manager: 0417 744 144 Mon-Fri 8am - 6pm
Poisons Information Centre: 13 11 26 - 24hrs
Transport/Fire Emergency: 000 (Emergency services)

Other Information This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below.
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