SAFETY DATA SHEET

Hazardous Chemical, Dangerous Goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: **STERIDET**
Recommended Use: Alkaline Warewash / CIP Cleaner

Supplier: Hygiene Technologies Ltd
Street Address: 28 Rangitane Rd
Whakatu, Hastings 4102
New Zealand

Telephone: + 64 6 876 4111 or 0800 732 525
Facsimile: + 64 6 878 3802

Emergency
Telephone number: **National Poisons Centre - 0800 764 766 (0800 POISON)**

2. HAZARDS IDENTIFICATION

Hazardous Substances

This product is classified as a Dangerous Good according to NZS 5433:2020



Signal Word

Danger

Hazard Classifications

Skin Corrosion - Category 1B
Eye Damage - Category 1
Corrosive to Metals – Category 1

Hazard Statements

H314 Causes severe skin burns and eye damage.
H290 Corrosive to metals.
H318 Causes serious eye damage.

Prevention Statements:

P260 Do not breathe mist, vapours or spray.
P264 Wash hands, face and all exposed skin thoroughly after handling.
P280 Wear protective clothing, gloves, eye/face protection and suitable respirator.
P234 Keep only in original packaging.

Response Statements:

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.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P363	Wash contaminated clothing before reuse.
P310	Immediately call a POISON CENTRE or doctor.
P321	Specific treatment (see Section 4 of this SDS).
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P390	Absorb spillage to prevent material damage

Storage Statements

P405 Store locked up.

P406 Store in a corrosive resistant container.

Disposal Statement

P501 In case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Notice 2017. This may also include any method of disposal that must be avoided.

Disposal Statement

P102 P102 Keep out of reach of children.

P103 P103 Read carefully and follow all instruction.

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS No.	PROPORTION
Sodium hydroxide	1310-73-2	10 - 30%
Ethylenediaminetetraacetic Acid Tetrasodium Salt	64-02-8	10 - 30%
Non Hazardous Ingredients	N/A	Balance

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone New Zealand 0800 764 766).

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep at rest until fully recovered. Seek medical attention if effects persist.

Skin Contact: If skin or hair irritation occurs, remove all contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medial assistance.

Eye Contact: If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Urgently seek medical assistance. Transport to hospital or medical centre.

Ingestion: Do NOT induce vomiting. Rinse mouth with water. Give water to drink to achieve dilution. Never give anything by mouth to an unconscious person. If vomiting occurs, give further waters. Immediately call a POISON CENTRE or doctor.

Refer to National Poisons and Hazardous Chemicals Information Centre 0800 764 766.

5. FIRE FIGHTING MEASURES

Specific Hazard Non-combustible material.

Suitable Extinguishing Media: If material is involved in a fire, use water fog (or in unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

Fire Hazards Following evaporation of aqueous component, residual material can burn if ignited. If safe to do so, remove containers from path of fire. Fire fighters to wear self-contained breathing apparatus (SCBA) and suitable protective clothing if risk of exposure to products of decomposition

HAZCHEM 2X

6. ACCIDENTAL RELEASE MEASURES

Avoid walking through spilled product as it may be slippery. Stop leak if safe to do so. Do NOT let product reach drains or waterways. If contamination of sewers or waterways has occurred, advise local emergency services. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact. Contain minor spills (less than 100L) from local drainage with any suitable bund or barrier. Soak up spilled product using absorbent non-combustible material such as mineral sponge, paper, rags, sand or soil. Avoid using sawdust or cellulose. When saturated, collect material into suitable, clearly labeled, dry, sealable containers and hold for safe disposal. Once pick up is complete, flush spill site with plenty of water to eliminate any residue. For large spills from drums and IBCs, alert the local Fire Brigade. Clear area of all unprotected personnel. Slippery when spilt. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect absorbed material in drums which can be closed and sent to landfill. Hold any contaminated water for disposal by a waste disposal contractor. If material does contaminate crops, sewers or waterways, alert local emergency services.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid eye and skin contact. Avoid inhalation of vapour and mist. Wash hands thoroughly after handling. Wear protective gloves, eye protection and overalls when handling bulk product. Avoid release to the environment.

Conditions for Safe Storage: Store in a cool, dry well-ventilated area, away from direct sunlight, heat sources, and food stuffs. Ensure containers are correctly labelled, protected from physical damage, sealed when not in use and stored upright. Check regularly for leaks, spills etc. Keep out of reach of children. Keep containers closed when not in use. Store locked up in original packaging as approved by manufacturer. Do not use empty containers for the storage of foodstuffs.

This material is classified as a Class 8 Corrosive as per the criteria of the "New Zealand NZS5433: Transport of Dangerous Goods on Land" and must be stored in accordance with the relevant regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Guidelines: No value assigned for this specific material by the NZ Occupational Safety and Health Services (OSH).

Engineering Controls: Natural ventilation should be adequate under normal use conditions. Use only in well-ventilated areas.

Personal Protective Equipment: Wear chemical resistant disposable gloves (e.g., PVC), safety glasses/face shield, safety shoes/rubber boots, apron and overalls. Always wash hands before smoking, eating, drinking or using the toilet. When handling do not eat, drink or smoke. Wash contaminated clothing and other protective equipment before storage or reuse. Ensure that eyewash stations and safety showers are close to the workstation location.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, Light Brown/Yellow Liquid
Odour:	Neutral
Solubility:	Miscible in Water
Specific Gravity (°C):	1.26 - 1.28
Relative Vapour Density (air=1):	< 1
Flash Point (°C):	Not Applicable
Freezing Point (°C):	Not available
Boiling Point (°C):	Approx 100°C
pH:	12.5 – 13.15 (1% aqueous solution)
Viscosity:	Not available

10. STABILITY AND REACTIVITY

Reactivity:	No known hazardous reactions.
Chemical Stability:	This material is thermally stable when stored and used as directed.
Conditions to Avoid:	Elevated temperatures and sources of ignition.
Incompatible Materials:	Strong Acids, Oxidising agents, Soft Metals.
Hazardous Decomposition Products:	Oxides of carbon and nitrogen, smoke and other toxic fumes

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion	Material may be corrosive and irritating to mucous membranes and digestive tract.
Inhalation	Material may be an irritant and corrosive to mucous membranes and the respiratory tract.
Skin Contact	Contact with skin may result in severe irritation and possible burns. Corrosive to skin.
Eye Contact	A severe eye irritant. Corrosive to eyes. Contact can cause corneal burns. Contamination of eyes can result in permanent injury.
Long Term Effects	Contamination of eyes can result in permanent injury.
Toxicological Data	No LD_{50} data available for this product.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity	Expected to be toxic to aquatic life with long lasting effects due to high pH. Avoid contaminating waterways.
Long-term Aquatic Hazard	Expected to cause long term effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Recycle wherever possible. Whatever cannot be saved for recovery or recycling should be sent to an approved waste disposal contractor for disposal in an approved waste facility. Processing, use or contamination of this product may change the waste management options. Dispose of container and unused contents using an approved waste disposal contractor. Care should be taken to ensure compliance with national and local regulations. This product is NOT for unauthorised disposal by either landfill or via municipal sewers. Not to be discharged to drains, natural streams or rivers.

Special Precautions: Empty drums should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Observe all safeguards on label and in this SDS until container is cleaned, reconditioned or destroyed. Decontaminate empty containers with water. Dispose of container and unused contents in accordance with local authority requirements.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Classified as as a Dangerous Good according to NZS 5433:2020 Transport of Dangerous Goods on Land.



UN Number:	1760
Proper Shipping Name:	CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE)
Emergency Response Guide No.:	37
Class:	8
Packing Group:	III
HAZCHEM	2X

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1), dangerous when wet substances (Class 4.3), oxidising agents (Class 5.1), organic peroxides (Class 5.2), radioactive substances (Class 7) or food and food packaging in any quantity. Note 1: Concentrated strong alkalis are incompatible with concentrated strong acids.

MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.



UN Number:	1760
Proper Shipping Name:	CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE)
Class:	8
Packing Group:	III

AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.



UN Number:	1760
Proper Shipping Name:	CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE)
Class:	8
Packing Group:	III

15. REGULATORY INFORMATION

ERMA (NZ) Approval Code	N/A
Group Standard 2020	HSR002526 – Cleaning Products (Corrosive) Group Standard

For more information refer to the ERMA website: www.epa.govt.nz

16. OTHER INFORMATION

Date Issued:	June 01, 2023
Reason for issue:	

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End of Safety Data Sheet