SAFETY DATA SHEET

Hazardous Chemical, Dangerous Goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Presto Cold
Recommended Use: Manual dishwashing and general hard surface cleaning

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: New Zealand Poisons Centre **0800 POISON (0800 764 766)**

2. HAZARDS IDENTIFICATION

Hazardous Substances

This material is hazardous according to criteria of EPA New Zealand.



Signal Word

Danger

Hazard Classifications

Skin Irritant – Category 2
Eye Damage – Category 1

Hazard Statements

H315 Causes skin irritation.
H318 Causes serious eye damage.

Prevention Statements:

P264 Wash hands, face and all exposed skin thoroughly after handling.
P280 Wear protective clothing, gloves, eye or face protection and suitable respirator.

Response Statements:

P302+352, P332+P313, P362 IF ON SKIN: Wash with plenty of water. IF SKIN irritation occurs: Get medical advice. Take off contaminated clothing.

P305+351+338 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 or doctor/physician.

Storage Statements

NA

Disposal Statement

P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

General Statement

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS No.	PROPORTION
Coco Diethanolamide	68603-42-9	1 – 10%
Alcohols, C12-14, Ethoxylated	68439-50-9	1 – 10%
Non Hazardous Ingredients	-	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 medical 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/Explosion Hazards	Non-combustible, however 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	NA

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.

SMALL SPILLS

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. 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.

LARGE SPILLS

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. 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. 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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by the Worksafe New Zealand.

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, safety shoes/boots. 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.

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear Green Liquid
Odour:	Slight
Solubility:	Soluble in Water
Specific Gravity (20°C):	1.00
Flash Point (°C):	Not Applicable
pH:	6.5 - 7.5
Freezing Point/Range (°C):	Not available
Boiling Point/Range (°C):	Approx. 100°C
Relative Vapour Density:	Not available

10. STABILITY AND REACTIVITY

Chemical Stability: This material is thermally stable when stored and used as directed.

Conditions to Avoid: Elevated temperatures.

Incompatible Materials: Strong oxidising and reducing agents.

Hazardous Decomposition Products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

Hazardous Reactions	No known hazardous reactions.

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:

Swallowed	Ingestion may cause nausea and vomiting.
Eye Contact	A severe eye irritant. Corrosive to eyes. Contamination of eyes may result in permanent injury.
Skin Contact	Contact with skin may result in irritation.
Inhaled	Breathing in mists or aerosols may produce respiratory irritation.
Long Term Effects	None known.
Toxicological Data	No LD_{50} data available for this product.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity	: Expected to be harmful to aquatic species. Biodegradable
Long-Term Aquatic Hazard	No Data Available

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

Classified as Dangerous Goods by the criteria of the "New Zealand NZS5433: Transport of Dangerous Goods on Land", International Maritime Dangerous Goods Code (IMDG Code) for transport by sea, and the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

Group Standard 2020 **HSR002530** – Cleaning Products (Subsidiary Hazard) Group Standard

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

16. OTHER INFORMATION

Date Issued:	February 03, 2023
Version:	1.0
Replaces:	March 15, 2018
Date of Next Review:	February 03, 2028

Safety Data Sheets are updated frequently. Please ensure that you have a current copy. This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate.

However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

End of Safety Data Sheet