

Cascade Profoam

Safety Data Sheet

1. Identification of Substance & Company

Product

Product name	Cascade Profoam
Product code	NA
HSNO approval	HSR00002526
Approval description	Cleaning Products (Corrosive) Group Standard 2020
UN number	NA
Proper Shipping Name	NA
DG class	NA
Packaging group	NA
Hazchem code	NA
Uses	Foaming cleaner sanitiser

Company Details

Company	Integra Industries Ltd
Address	21A Grosvenor St , South Dunedin
Telephone	0800 667 843
Website	www.integraindustries.co.nz

Emergency Telephone Number: 0800 764 766

2. Hazard Identification

Approval

This product is an approved substance under the Hazardous Substances and New Organisms Act (HSNO, Approval HSR002526, Cleaning Products (Corrosive) Group Standard 2020). The substance has been classified as hazardous according to the criteria in the Hazardous substances (Hazard Classification) Notice 2020.

Hazard Categories

Acute toxicity: Category 5 - Oral
Eye damage/irritation: Category 1
Hazardous to the Aquatic Environment - Acute Hazard: Category 3
Hazardous to the Aquatic Environment - Long-Term Hazard: Category 3
Skin corrosion/irritation: Category 2

Hazard Statement/s

H303 May be harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H412 Harmful to aquatic life with long lasting effects.

SYMBOLS

DANGER



Other Classifications

There are no other classifications that are known to apply

Precautionary Statements

Preventive	P264 Wash contaminated skin thoroughly after handling. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P280 Wear protective gloves.
Response	P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P302+P352 IF ON SKIN: Wash with plenty of water. 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. P321 Specific treatment (see First Aid measures on this label).

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P332+P313 If skin irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

Storage No data available

Disposal P501 Disposal of content/container should be made in accordance with all applicable local, regional, and national laws and regulations.

3. Composition / Information on Ingredients

Component	CAS/ Identification	Concentration
Oxirane, 2-methyl-, polymer with oxirane, mono(2- propylheptyl) ether	166736-08-9	<10%
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N- dimethyl-, N-coco acyl deriv, inner salts	61789-40-0	<5%
Cocodimethylamine oxide	70592-80-2	<5%
Benzalkonium Chloride	8001-54-5	<5%
Ingredients determined not to be hazardous	-	Balance

This is a commercial product whose exact ratio of components may vary slightly. Trace quantities of impurities are also likely.

4. First Aid

Description of First Aid Measures

Ingestion	IF SWALLOWED: Rinse mouth with water. Do not induce vomiting. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Seek medical advice.
Eye Contact	IF IN EYES: Immediately hold eyelids apart and flush the eye continuously with running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.
Skin Contact	IF ON SKIN (OR HAIR): Remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available. If irritation persists, seek medical attention.
Inhalation	IF INHALED: If fumes or combustion products are inhaled remove from contaminated area. Keep at rest in a position comfortable for breathing.

First Aid Facilities

Eye wash station and normal washroom facilities.

Advice to Doctor

Product contains a quaternary ammonium salt and detergent in neutral aqueous solution. Contact Poisons Information Centre.

5. Firefighting Measures

Special hazards arising from the chemical Suitable Extinguishing Media

Not flammable.
Use extinguishing media appropriate to surrounding fire. Use water spray to cool containers and surrounds.

6. Accidental Release Measures

Spills & Disposal Disposal of small spillages only. For large spillages liquids should be contained using sand or earth, and both liquids and solids then transferred to salvage containers. Residues should be treated as for small spillages. Wash site of spillage thoroughly with water. Ventilate area to dispel any residual vapours.
CAUTION: Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance and, for flammable materials, shut off all possible sources of ignition.
CARE! Spillages will be slippery. If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise absorb on inert absorbent, transfer to container and arrange removal by disposals company.

7. Storage and Handling

Storage Store in a cool, well ventilated place, out of reach of children. Large quantities should be stored in a bunded area. Store in original container. Keep away from sodium hypochlorite and oxidising agents. Prevent vapours from collecting in low lying or enclosed spaces. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents.

Handling No information available.

8. Exposure Controls / Personal Protective Equipment

Occupational exposure limit values

No Exposure Limit Established

Other Exposure Information

No exposure standard has been established for this product.

Engineering Measures

None required for normal use.

Personal Protective Equipment

Avoid contact with the skin and eyes. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-

- Safety glasses, where risk of splashing exists
- Gloves, rubber or plastic, when handling concentrate or in case of prolonged contact.

Always maintain a high level of personal hygiene when using this product. That is wash hands before eating, drinking, smoking or using the toilet.

9. Physical & Chemical Properties

Appearance	Clear to pale yellow, mobile, frothing liquid.
Form	Liquid
Odour	Odourless
Colour	Pale yellow
pH (as supplied)	10.5-10.9
Flashpoint (°C)	NA
Specific Gravity	1.013-1.043
Boiling Point	100C
Flammability	Not Flammable
Solubility	Miscible at all concentrations

10. Stability & Reactivity

Chemical stability	Stable under normal use conditons..
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources.
Incompatible materials	Oxidising agents and sodium hypochlorites.
Hazardous decomposition products	Water vapour, carbon dioxide, oxides of nitrogen, trace of hydrogen chloride. Contact with excess of hypochlorites may generate toxic vapours.

11. Toxicological Information

Summary

Toxicology Information

Information available for ingredients is provided below.

Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether CAS Number: 166736-08-9 LOSO (rat) oral 300-2000mg/kg

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Supporting Data

Acute	Oral	LOSO (rat) oral 300-2000mg/kg
	Ingestion	Quaternary ammonium salts are moderately toxic and corrosive. Irritant to throat and mucous membranes, may cause stomach pains, nausea and vomiting. When diluted as directed, may cause discomfort and nausea.
	Inhaled	Aspiration (breathing in) of liquid spray or mist liable to cause severe irritation and damage to respiratory tract.
	Eye	Corrosive. May cause burns to the eyes. When diluted as directed, may cause irritation.
Chronic	Skin	May cause burns on prolonged contact with the concentrate. When diluted as directed, may cause irritation on prolonged contact with skin.
	Sensitisation	The mixture is considered to be sensitising to the skin based on the quantities of components in the mixture which have sensitisation classifications.
	Skin Irritation/Corosion	Low acute dermal toxicity in animal studies. May cause burning sensation on prolonged contact with solid
	Serious Eye Damage/ Irritation	Vapour irritating to the eyes at 50ppm or greater
	Mutagenicity	No data
	Carcinogenicity	Limited evidence of carcinogenicity in animal studies. Classified by the International Agency for Research on Cancer (IARC) as a Group 2B. Group 2B – The agent is possibly carcinogenic to humans.
	Reproductive / Developmental	No data
	STOT – Single Exposure	No data
STOT – Repeated Exposure	Repeated skin contact with the concentrate may lead to dermatitic effects.	
Systemic	No data	
Aggravation of existing conditions	None known	

12. Ecological Data

Summary

No specific data is available for this product.

Supporting Data

Ecotoxicity	Quaternary ammonium compounds are harmful to aquatic life.
Bioaccumulation potential	Not expected to bio-accumulate.
Persistence and Degradability	The detergent used in this product is biodegradable according to Australian Standard AS1792-1976.
Mobility in Soil	Avoid contaminating waterways, drains, sewers, or ground.

13. Disposal Considerations

Do not dump large quantities into biological treatment ponds. Laboratory data indicates that quaternary ammonium compounds are discharged steadily at low concentrations (<1Smg/l), it may be expected that these salts can be degraded in sewage treatment plants by acclimatised organisms. Before discharging to sewer, contact local authority. Contact local Waste Disposal Authority before all major disposal problems.

14. Transport Information

Transport Information

Not regulated for transport of Dangerous Goods: ADG7, UN, IATA, IMDG

UN Number

None Allocated

UN number:	NA	Proper shipping name:	NA
Class(es)	NA	Packing group:	NA
Precautions:	NA	Hazchem code:	NA

IMDG

UN number:	NA	Proper shipping name:	NA
Class(es)	NA	Packing group:	NA
Precautions:	NA	EmS:	NA

IATA

UN number:	NA	Proper shipping name:	NA
Class(es)	NA	Packing group:	NA
Precautions:	NA	ERG Guide	NA

15. Regulatory Information

Regulatory Information

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Poisons Schedule

Not Scheduled

16. Other Information

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.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH). Globally Harmonised System of classification and labelling of chemicals.

Contact Person/Point

The company has taken care in compiling this information. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside the Company's control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.

24-Hour Emergency Telephone: AUS: 1800 629 953 NZ: Poisons 0800 764 766, Spills 111 FIRE.

Review

Date	Reason for review
1 April 2025	Phone number updated

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Disclaimer

This SDS was prepared by INTEGRA INDUSTRIES LTD and is based on our current state of knowledge, including information obtained from suppliers. The SDS is given in good faith and constitutes a guideline (not a guarantee of safety). The level of risk each substance poses is relevant to its properties (as summarised in the SDS) AND HOW THE SUBSTANCE IS USED. While guidelines are given for personal protective equipment, such precautions must be relevant to the use. The likely GHS 7 classifications for this SDS have been estimated based on general information from the supplier (e.g., hazard, toxicological). This SDS is copyright INTEGRA INDUSTRIES LTD and must not be copied, edited or used for other than intended purpose. To contact the SDS author, email sales@integraindustries.co.nz or phone: +64 3 455 6805.