

1. Identification of Substance & Company

Product

Product name	Caskade Safeguard
Product code	NA
HSNO approval	HSR002530
Approval description	Cleaning Products (Subsidiary Hazard) Group Standard 2006
UN number	3264
Proper Shipping Name	CORROSIVE LIQUID ACIDIC INORGANIC NOS.
DG class	8
Packaging group	III
Hazchem code	2R
Uses	Safeguard is a powerful bowl cleaning product for dissolving lime scale, rust and the toughest toilet bowl stains, but at the same time gentle enough to leaving your toilet deodorizes and sparkling white.

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

HSNO classification of the substrate/mixture

Non hazardous ingredients and water make product to 100%.

6.1D (Oral) Substances that are acutely toxic - Harmful, 8.1A Substances that are corrosive to metals, 8.2C Substances that are corrosive to dermal tissue, 8.3A Substances that are corrosive to ocular tissue, 9.1D Substances that are slightly harmful to the aquatic environment or are otherwise designed for biocidal action, 9.3C Substances that are harmful to terrestrial vertebrates

HSNO Classes

6.1D, 8.1A, 8.2C, 8.3A, 9.1D, 9.3C

6.1D, 6.3A, 8.3A, 9.1D, 9.3C

6.1D, 6.3A, 8.3A, 9.1D, 9.2D, 9.3C

3.1B, 6.1E, 6.3B, 6.4A

Hazard Statements

- Strong Acidic/toxic by ingestion. Irritating to eyes and skin. Do not inhale vapors.
- Not Carcinogenic.
- Moderately toxic by ingestion.
- May cause headaches, nausea, dizziness, and vomiting, leading to unconsciousness and collapse.

SYMBOLS

WARNING



Other Classifications

No information available.

Precautionary Statements

Prevention No information available.

Response P332 + P313 IF SKIN IRRITATION occurs: Get medical advice/attention.

Storage No information available.

Disposal No information available.

3. Composition / Information on Ingredients

Component	CAS/ Identification	Concentration
Phosphoric Acid	7664-38-2	19-21
Alcohol, C9-11 Ethoxylated	68439-46-3	11.5 -12.5
Linear Alkyl Benzene Sulphonic Acid (LABSA)	68584-22-5	4.5 - 5.5
Isopropyl Alcohol	67-63-0	2.5 - 3.5

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

4. First Aid

General Information

If medical advice is needed, have product container or label at hand. You should call the National Poisons Centre if you feel that you may have been harmed or irritated by this product. The number is 0800 764 766 (0800 POISON) (24 hr emergency service).

Exposure

Swallowed	Give a glass of water or milk to drink and do <u>NOT</u> induce vomiting. Seek urgent medical attention.
Eye Contact	If splashed in eye(s), remove contact lenses if worn and irrigate eyes with running water for fifteen minutes. Seek medical attention.
Skin Contact	Wash area affected with running water. Seek medical attention if irritation develops.
Inhaled	Remove to a well-ventilated area. Seek urgent medical attention.

Advice to Doctor

Treat symptomatically.

5. Firefighting Measures

Suitable Extinguishing Media: Product is a non-flammable liquid. In case of fire, use appropriate extinguishing media most suitable for surrounding fire conditions.

6. Accidental Release Measures

Spills and Disposal: Contain large spills by absorbing with sand or earth. Store contained spill in clearly labelled drum for disposal. Wash small spills down with water.

7. Storage and Handling

Handling and Storage: Store in a cool dry and secure area. Keep out of reach of children. Do not mix with other chemicals.

8. Exposure Controls / Personal Protective Equipment

Workplace Exposure Standards

WES - Ceiling (Workplace Exposure Standard - Ceiling). A concentration that should not be exceeded during any part of the working day.

NZ Workplace Exposure Standards	Ingredient	WES-TWA	WES-STEL
	No ingredients listed		

Biological Limits

No information available on biological limit values for this product.

Engineering Controls

General exhaust is adequate under normal operating conditions. If risk of overexposure exists, wear SAA approved respirator.

Personal Protective Equipment

Eyes



It is recommended that eye protection be worn.

Skin



It is recommended that rubber gloves and protective clothing be worn.

WES Additional Information

Not applicable

9. Physical & Chemical Properties

Appearance	Dark Blue Liquid
Form	Liquid
Colour	Dark Blue
Odour	No data
Odour Threshold	No data
pH as supplied	2
Freezing/Melting Point	No data
Boiling Point	100°C
Flashpoint	No data
Upper & lower flammable limits	No LEL or UEL
Vapour pressure	No data
Vapour density	No data
Specific gravity/density	1.34
Solubility	Miscible
Partition coefficient	No data
Auto-ignition temperature	No data
Decomposition temperature	No data
Viscosity	No data
Shelf Life	No data

10. Stability & Reactivity

Reactivity and Stability No information available.

11. Toxicological Information

Summary

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

Supporting Data

Acute	Oral	Moderately toxic by ingestion. May cause headaches, dizziness, nausea and vomiting.
	Inhaled	The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless,

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good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.

Eye		May cause inflammation and irritation to eye(s).
Skin		On prolonged contact may cause irritation due to a "Defatting" effect on the skin.
Chronic	Sensitisation	No information available.
	Mutagenicity	No information available.
	Carcinogenicity	Not Carcinogenic.
	Reproductive / Developmental	No information available.
	Systemic	No information available.
	Aggravation of existing condition	No information available.
	STOT – Single Exposure	No information available.
	STOT – Repeated Exposure	No information available.
	Aspiration Hazard	No information available.

12. Ecological Data

Summary

This mixture is not considered ecotoxic however in all cases prevent run-off to drains, sewers and waterways.

Supporting Data

Ecotoxicity Ingredient	No data available.
Persistence: Water/ Soil	No data available.
Persistence: Air	No data available.
Bioaccumulation	No data available.
Mobility	No data available.

13. Disposal Considerations

Waste Disposal	Empty packaging should be disposed of in accordance with local and state regulations or recycled at an approved facility. Refer to waste management authorities for disposal of the contents or through a licensed waste contractor.
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14. Transport Information

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: UN, IATA, IMDG.

UN number:	3264	Proper shipping name:	CORROSIVE LIQUID ACIDIC INORGANIC NOS.
Class(es)	8	Packing group:	III
Precautions:	NA	Hazchem code:	2R
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

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HSNO Act 1996: HSNO Approval Number HSR002530. Cleaning Products (Subsidiary Hazard) Group Standard 2006.

Response Plans and Secondary Containment (Trigger Quantities)

100 L or 100 kg: HSNO: 9.1A substance.
1,000 L or 1,000 kg: HSNO: 6.1D, 6.5A, 6.5B, 6.7A, 8.2B, 9.1B, OR 9.1C substance.
10,000 L or 10,000 kg: HSNO: 9.1D, 8.3A, 6.6A, 6.8A, or 6.9A substance.

Signage (Trigger Quantities)

100 L or 100 kg: HSNO: 9.1A substance.
250 L or 250 kg: HSNO: 8.2B substance
1,000 L or 1,000 kg: HSNO: 6.1D, 6.5A, 6.5B, 9.1B, OR 9.1C substance.
10,000 L or 10,000 kg: HSNO: 9.1D, 8.3A, 6.6A, 6.8A, or 6.9A substance.

16. Other Information

Review

Date	Reason for review
1 April 2025	Phone number updated

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.