

Section I. Product Identification and Uses

		HMIS (HFRP)	
		Health Hazard	1
		Fire Hazard	0
		Reactivity	0
		Personal Protection	b
Common / Trade name	S-22 CLNR DESCALER BRIGHTENER	TDG	Not regulated material under TDG (Canada).
WHMIS	D2B	PIN	Not applicable.
Code	2002	PG	Not applicable.
Material uses	Cleaner Descaler Brightener		

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Organic acid salt	Confidential	7 - 13	Not available.	ORAL (LD50):Acute: 1121 mg/kg [Rat]
Alcohols, C7-21 ethoxylate	68991-48-0	1 - 5	Not available.	ORAL (LD50): Acute: 2000 mg/kg [Rat].

Section III. First Aid Measures

Eye contact	In case of contact with eyes, rinse immediately with plenty of water.If irritation persists, get medical attention.
Skin contact	In case of contact, immediately flush skin with plenty of water.If irritation persists, get medical attention.
Inhalation	Allow to rest in a well ventilated area.
Ingestion	DO NOT induce vomiting. Have conscious person drink several glasses of water. Seek medical attention.

Section IV. Physical Data

Physical state and appearance	Liquid. (Clear.)	Colour	Colorless.
pH (1% soln/water)	Not available.	Odour	Odorless.
pH (concentrate)	0.8 - 1.6	Volatility	Not available.
Boiling point	The lowest known value is 100°C (212°F) (Water).	Vapour density	Weighted average: 1.01 (Air = 1)
Specific gravity	1.03 - 1.04	Vapour pressure	Not applicable.
Solubility	Easily soluble in water		

Section V. Fire and Explosion Data

The product is	Non-flammable.
Auto-ignition temperature	Not applicable.
Flash points	Not applicable.
Degradation products	Carbon oxides (CO, CO2)
Extinguishing media	Use dry chemical or CO2 or water spray or fog.

Section VI. Reactivity data

Stability	The product is stable.
Decomp. products	Not available
Reactivity	Incompatible with strong oxydizing materials and alkalis.

Section VII. Toxicological properties

Route of entry	Eye contact. Ingestion. Inhalation. Skin.
Toxicity for animals	No specific information is available in our database regarding the other toxic effects of this material for humans.
Acute effects	May be irritating to eyes and skin.
Chronic effects	No ingredient in this product is currently listed as carcinogens by IARC, NTP or OSHA.

Section VIII. Preventive measure

Waste disposal	Dispose of material according to regional, provincial and federal regulations. Consult your local or regional authorities.
Storage	Store in a cool, well-ventilated area away from incompatible materials.
Precautions	Avoid contact with skin and eyes.In case of contact with eyes, rinse with plenty of water.In case of contact, flush skin with plenty of water.
Spill and leak	Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

Section IX. Personal protective equipment

Gloves Neoprene gloves or Latex gloves.

Respiratory A respirator is not needed under normal and intended conditions of product use.

Eyes Safety glasses.

Other Splash goggles, gloves, full suit and boots: are recommended under exceptional circumstances such as fire, spill or for prolonged contact with bulk quantities.

Eng. controls No special measures required for normal use conditions.

Section X. Preparation and other Information

Validated by the Regulatory Affairs Department on January 10th 2014

EMERGENCY: CANUTEC 613-996-6666

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy of completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Annex A. Legend

HMIS Hazardous Materials Identification System

WHMIS WHMIS Workplace Hazardous Materials Information System

TDG Transport Dangerous Goods

PIN Product Identification Number

PG Packaging Group
