



Your Infection Control Specialist™

MATERIAL SAFETY DATA SHEET

1.0 PRODUCT AND COMPANY IDENTIFICATION

Product Name: HIP Ultra (Hydrim cleaning solution with instrument protection)

Product Use: Cleaner for Hydrim automatic instrument reprocessor machines

Supplier: SciCan Ltd.
1440 Don Mills Rd.
Toronto, ON M3B 3P9 CA

TEL : 1-800-667-7733

FAX: (416) 445-2727

Date MSDS Prepared: February 28, 2013

Legend		HMIS		NFPA
Severe	4	Health	1	1
Serious	3	Fire Hazard	0	0
Moderate	2	Reactivity	0	0
Slight	1	Personal	B	
Minimal	0	Protection		

2.0 HAZARD IDENTIFICATION

Emergency Overview: Mild eye and skin irritant.

Route of Entry: Eye, Skin contact, Ingestion, Inhalation.

Eye contact: Slightly to mildly irritating to eyes.

Skin contact: Slightly to mildly irritating to skin.

Ingestion: None known.

Inhalation: None known.

3.0 INFORMATION ON INGREDIENTS

Ingredients	CAS #	Wt%	ACGIH -TLV	LD ₅₀	LC ₅₀
N-(n-octyl)-2-pyrrolidone	2687-94-7	1-5	Not available	2050 mg/kg rat	Not Available
Sodium xylene sulphonate, potassium salt	1300-72-7	3-7	Not available	7200 mg/kg rat	Not available
Phosphonic acid, (1-hydroxyethylidene)bis-tetrapotassium salt	14860-53-8	5-10	Not available	520 mg/kg rat	Not available

4.0 FIRST AID MEASURES

Eye: Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical assistance if irritation persists.

Skin: Rinse with plenty of water. Wash with soap and water.

Ingestion: Rinse mouth with water. If conscious, give a cupful of water or milk. Obtain medical attention.

Inhalation: No specific first aid measures are required.

5.0 FIRE FIGHTING MEASURES

Flammability: This product is not flammable.

Flash point: >200°F (93.4°C)

Auto-Ignition temperature: Not applicable.

Means of extinction: Treat for surrounding material.

Specific hazards: None known.

Unusual hazards: None known.

Special protective equipment for fire fighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6.0 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment.

Environmental precautions and clean-up methods: Large spills, greater than 5 gallons (19 litres), may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact supplier for advice. Small spills may be neutralized with sodium bicarbonate and flushed into sanitary sewer with water.

Waste Disposal: Review federal, provincial, and local government requirements prior to disposal.

7.0 HANDLING AND STORAGE

Handling: Handle in accordance with good industrial hygiene and safety practices. No smoking or eating in handling area. Avoid contact with eyes and skin.

Storage: Protect from freezing and avoid storage at elevated temperatures. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures to reduce exposure: No special ventilation requirements. General room ventilation is adequate.

Personal Protective Equipment

Eye Protection: Safety goggles or glasses.

Hand Protection: Natural or butyl rubber, nitrile or neoprene gloves.

Skin and Body Protection: No special requirements under normal use conditions.

Respiratory Protection: No special requirements under normal use conditions.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

9.0 PHYSICAL/CHEMICAL CHARACTERISTICS

Physical State: Liquid

Odor: Odourless

Boiling Point: Not available

Freezing Point: Not available

Vapor Density (air=1): Not available

Vapor Pressure(mmHg): Not available

Flash Point: >93.4°C (200°F)

Evaporation Rate: Not available

pH: 9.3-9.8

Density: 1.113 Kg/L @20°C

Solubility in Water: Complete

Appearance and Color: Clear, colorless liquid

VOC (% as): 0.00% *

*-Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Productions, Sections 94508

10.0 STABILITY AND REACTIVITY DATA

Stability: This product is stable.

Incompatible Materials: Do not mix directly with any other cleaning or disinfecting products.

Hazardous Decomposition Products: None reasonable foreseeable.

11.0 TOXICOLOGICAL INFORMATION

Acute Toxicity:

Eye contact: Slightly to mildly irritating to eyes.

Skin contact: Slightly to mildly irritating to skin.

Ingestion: Non-hazardous by WHMIS criteria (Oral LD50 >500 mg/kg).

Inhalation: Non-hazardous by WHMIS criteria (Four-hour LC50 >2.59 mg/L).

Dermal Toxicity: Non-hazardous by WHMIS criteria(Dermal LD50>2000 mg/kg)

Chronic Toxicity:

Skin Sensitization: Not a skin sensitizer

Respiratory Tract Sensitization: Non-hazardous by WHMIS criteria.

Specific effects

Carcinogenicity: Non-hazardous by WHMIS criteria.

Teratogenicity: Non-hazardous by WHMIS criteria.

Mutagenicity: Non-hazardous by WHMIS criteria.

Reproductive Effects: Non-hazardous by WHMIS criteria.

Synergistic Materials: None known.

12.0 ECOLOGICAL INFORMATION

Environmental Information: No data available

13.0 DISPOSAL CONSIDERATIONS

Waste Disposable Methods: Review federal, provincial, and local government requirements prior to disposal.

14.0 TRANSPORTATION

T.D.G. / D.O.T. Classifications: Not regulated as dangerous good.

ADN: Not regulated as dangerous goods.

ADR: Not regulated as dangerous goods.

IATA/ICAO (Air): Not regulated as dangerous goods.

IMDG (Marine Transport): Not regulated as dangerous goods.

RID: Not regulated as dangerous goods.

15.0 REGULATORY INFORMATION

Occupational health and safety Regulations:

Canada (WHMIS hazard class): Class D- Division 2B (irritant)

International Inventories at CAS# Level: All components of this product are listed on the following inventories: Canada (DSL/NDSL)

16.0 OTHER INFORMATION

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Prepared by: Virox Technologies Inc.

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