

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Name: HIP (Hydrim Cleaning Solution with Instrument Protection)
Product Use: Cleaner for Hydrim automatic instrument reprocessor machines
WHMIS Class: Class D - Division 2B
TDG Classification: Not regulated as dangerous goods.
Manufacturer/Supplier: SciCan Ltd.
1440 Don Mills Road
Toronto, ON M3B 3P9 CA
Phone: 1-800-667-7733

LEGEND HMIS		Health	Flammability	Physical Hazard	Personal Protection
Severe	4	/ 1	0		B
Serious	3				
Moderate	2				
Slight	1				
Minimal	0				

SECTION II - HAZARDOUS INGREDIENTS

<u>Inгредиент(s)</u>	<u>CAS #</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>	<u>LC50</u>	<u>Oral LD50</u>
N-(n-octyl)-2-pyrrolidone	2687-94-7	1 - 5	Not established	Not available	2050 mg/kg rat
Sodium xylene sulphonate	1300-72-7	3 - 7	Not established	Not available	7200 mg/kg rat
Phosphonic acid, (1-hydroxyethylidene)bis-, tetrapotassium salt	14860-53-8	5 - 10	Not established	Not available	520 mg/kg rat

SECTION III - PHYSICAL DATA

Boiling Point:	Not available	Specific Gravity:	1.113 (H2O = 1)
Freezing Point:	Not available	Coefficient of Water/Oil Distribution:	Not available
Vapour Pressure:	Not available	% Volatile:	Not available
Vapour Density:	Not available	Evaporation Rate:	Not available
Solubility in Water:	Complete	pH:	9.3 - 9.8
Physical State:	Liquid	Viscosity:	Water thin
Appearance:	Clear colourless Liquid	Odour Threshold:	Not available
Odour:	Odourless		

SECTION IV - FIRE AND EXPLOSION DATA

Flammability:	Not flammable by WHMIS criteria.				
Flash Point:	> 93.3 °C (> 199.94 °F)	LEL:	Not applicable	UEL:	Not applicable
Hazardous Combustion Products:	May include and are not limited to: Oxides of carbon. Oxides of sulphur. Oxides of phosphorus.				
Autoignition Temperature:	Not applicable				
Explosion Data:					
Sensitivity to Mechanical Impact:	Not applicable.				
Sensitivity to Static Discharge:	Not applicable.				
Means of Extinction:	Treat for surrounding material.				
Special Fire Hazards:	Firefighters should wear a self-contained breathing apparatus.				

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability:	Stable under recommended storage conditions.
Incompatible Materials:	Do not mix with any other cleaning or disinfecting product.
Reactivity:	Do not mix with any other cleaning or disinfecting product.
Hazardous Decomposition Products:	None known.

SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye, Skin contact, Ingestion.

EFFECTS OF ACUTE EXPOSURE:

Eye: May cause irritation.

Skin: May cause irritation.
Inhalation: Not a normal route of exposure.
Ingestion: Like any product not designed to be ingested, this product may cause stomach distress if ingested in large quantities.

EFFECTS OF CHRONIC EXPOSURE:

Skin: Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Irritancy: May cause irritation.
Respiratory Tract Sensitization: Non-hazardous by WHMIS criteria.
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: Not available

SECTION VII - PREVENTATIVE MEASURES

Gloves: Natural or butyl rubber, nitrile or neoprene gloves.
Eye Protection: Wear safety glasses with side shields.
Respiratory Protection: Not normally required under normal use conditions.
Other Protective Equipment: As required by employer code.
Engineering Controls: General ventilation normally adequate.
Leak and Spill Procedure: Small spills (<5 gallons) can be flushed into sewage system in accordance with local regulations. Prevent large spills (>5 gallons) from entering sewers or waterways. Use non-reactive absorbent and place in suitable, covered, labelled containers. Contact emergency services and supplier for advice.
Waste Disposal: Review federal, provincial, and local government requirements prior to disposal.
Handling Requirements: Use good industrial hygiene practices in handling this material. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.
Storage Requirements: Keep out of reach of children. Store in a closed container away from incompatible materials.

SECTION VIII - FIRST AID

Eye: Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
Skin: Flush with cool water. Wash with soap and water. Obtain medical attention if irritation develops or persists.
Inhalation: No specific first aid measures are required.
Ingestion: Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

SECTION IX - PREPARATION INFORMATION

Effective Date: 15-May-2009

Expiry Date: 15-May-2012

Prepared By: Dell Tech Laboratories Ltd. (519) 858-5021

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