

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

077644149

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

077347248

# HIP ULTRA (Hydrim Cleaning Solution with Instrument Protection)

Conforms to Regulation(EC) NO 1907/2006 (REACH), Annex II (453/2010) - Europe

## SECTION 1. IDENTIFICATION

**Product Identifier** HIP ULTRA (Hydrim Cleaning Solution with Instrument Protection)  
**Recommended Use** Cleaner for Hydrim automatic instrument processor machines.  
**Supplier** SciCan Ltd, 1440 Don Mills Road, Toronto, ON, M3B 3P9, 1-800-667-7733  
**Emergency Phone No.** SciCan Ltd, 1-800-667-7733  
**SDS No.:** 052417

## SECTION 2. HAZARDS IDENTIFICATION

### GHS Classification

Acute toxicity (Oral) - Category 4;  
 Skin corrosion/irritation - Category 3;  
 Serious eye damage/eye irritation - Category 2A

### GHS Label Elements



Signal Word:

Warning

Hazard Statement(s):

H319 Causes serious eye irritation.  
 H316 Causes mild skin irritation.  
 H302 Harmful if swallowed.

Precautionary Statement(s):

P280 Wear eye protection.  
 P305+P351+ P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P301+P312 IF SWALLOWED: Call a POISON Center or doctor/physician if you feel unwell.

Description of hazards not otherwise classified: Not applicable

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Diphosphonic acid, (1-hydroxyethylidene)-, tetrapotassium salt	14860-53-8	5 - 10	
Sodium xylenesulfonate	1300-72-7	3 - 7	
2-Pyrrolidinone, 1-octyl-	2687-94-7	1 - 5	

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

No specific first aid measures are required.

#### Skin Contact

Rinse skin with cool water. Wash with soap and water.

#### Eye Contact

Flush with cool water. Remove contact lenses, if applicable, and continue washing.  
 Obtain medical attention if irritation develops or persists.

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### **Ingestion**

Rinse mouth with water. Have victim drink one or two glasses of water if able to. Seek medical attention.

### **Most Important Symptoms and Effects, Acute and Delayed**

If on skin: May cause mild irritation.

If in eyes: Causes serious eye irritation

If ingested: Harmful if swallowed.

### **Immediate Medical Attention and Special Treatment**

#### **Target Organs**

Not Applicable.

## **SECTION 5. FIRE-FIGHTING MEASURES**

### **Extinguishing Media**

#### **Suitable Extinguishing Media**

Not combustible. Use extinguishing agent suitable for surrounding fire.

#### **Unsuitable Extinguishing Media**

None known.

### **Specific Hazards Arising from the Chemical**

None known. Not flammable by WHMIS/OSHA criteria.

### **Special Protective Equipment and Precautions for Fire-fighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Fire fighters should wear full protective clothing, including self-contained breathing apparatus.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment, and Emergency Procedures**

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### **Environmental Precautions**

Before attempting clean-up, refer to hazard data. Review federal, provincial and local government requirements prior to disposal. Large spills (greater than 5 gallons): prevent large spills from entering surface water ways.

### **Methods and Materials for Containment and Cleaning Up**

Diluted product can be flushed to sanitary sewer. Use water rinse for final cleanup.

## **SECTION 7. HANDLING AND STORAGE**

### **Precautions for Safe Handling**

Use good industrial hygiene practices in handling this material. Do not eat, drink or store food in work areas. Do not smoke in work areas. Avoid contact with eyes, skin and clothing. Do not ingest.

### **Conditions for Safe Storage**

Protect from freezing. Avoid storage at elevated temperatures keep container tightly closed in a dry and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

### **Specific End Uses**

For use only with Hydrim automatic instrument processor machines.

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Limits:** No information available.

### **Appropriate Engineering Controls**

No specific controls recommended. General ventilation is usually adequate.

### **Individual Protection Measures**

#### **Eye/Face Protection**

Safety goggles or glasses.

#### **Skin Protection**

Not required, if used as directed.

#### **Respiratory Protection**

Not normally required if product is used as directed.

**Environmental Exposure Controls:** Not required if used as directed.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Clear colourless.
Odour	Odourless
Odour Threshold	Not available
pH	9.3 - 9.8
Melting Point/Freezing Point	Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	> 93.3 °C (199.9 °F)
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable (liquid).
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	1.113 at 20 °C
Solubility	Soluble in water
Partition Coefficient, n-Octanol/Water (Log K <sub>ow</sub> )	Not available
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not available
Viscosity	Not available (kinematic)
Explosive properties	Not explosive
Oxidising properties	Not oxidising

### Other Information

Physical State	Liquid
VOC (% as)	0.00 %*

\*-Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Section 94508.

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

### Conditions to Avoid and Incompatible Materials

Do not mix with any other cleaning or disinfecting product.

### Hazardous Decomposition Products

None reasonably foreseeable.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Eye contact; skin contact; ingestion; inhalation.

### Acute Toxicity

LC50 (Inhalation) > 20 mg/L

LD50 (Oral) > 500 mg/kg

LD50 (Dermal) > 5000 mg/kg

### Skin Corrosion/Irritation

May be mildly irritating to skin.

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**Serious Eye Damage/Irritation**

Causes serious eye irritation.

**STOT (Specific Target Organ Toxicity) - Single Exposure****Inhalation**

Based on available data, the classification criteria are not met.

**Skin Absorption**

Based on available data, the classification criteria are not met.

**Ingestion**

Harmful if swallowed.

**STOT (Specific Target Organ Toxicity) - Repeated Exposure****Respiratory and/or Skin Sensitization**

Skin Sensitization: not a skin sensitizer.

Respiratory Tract Sensitization: not a respiratory sensitizer.

**Carcinogenicity**

Based on available data, the classification criteria are not met.

**Reproductive Toxicity****Development of Offspring**

Based on available data, the classification criteria are not met.

**Sexual Function and Fertility**

Based on available data, the classification criteria are not met.

**Effects on or via Lactation**

Based on available data, the classification criteria are not met.

**Germ Cell Mutagenicity**

Based on available data, the classification criteria are not met.

**Interactive Effects**

None known.

**Aspiration Hazard**

Not an aspiration hazard

**SECTION 12. ECOLOGICAL INFORMATION**

Toxicity: Not available

Persistence and degradability: Based on ingredients, mixture is readily biodegradable.

Bioaccumulative Potential: Based on ingredients mixture is not bioaccumulative.

Mobility on soil: Not available

Results on PBT and vPvB assessment: Based on available data, the classification criteria are not met.

Other adverse effects: Not available

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal Methods**

Diluted product can be flushed to sanitary sewer.

**SECTION 14. TRANSPORT INFORMATION****Shipping Information**

Not regulated under Canadian TDG Regulations. Not regulated under US DOT Regulations.

UN Number: Not applicable

UN Proper Shipping Name: Not applicable

Transport hazard class: Not applicable

Packing Group: Not applicable

Environmental Hazards: Not applicable

**Special Precautions**

Not applicable

**for User****Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

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## Other Information

ADR, RID, ADN, IMO/IMDG.: Not regulated under any of above regulations.

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

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

##### WHMIS Classification



Class D2B

D2B - Toxic (Eye irritant)

##### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

#### USA

##### Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

#### EUROPE

##### Ingredients according to EC Detergent Regulations 648/2004.

Anionic Surfactants 5-15%

Nonionic Surfactants less than 5%

**Chemical Safety Assessment:** A chemical safety assessment has not been carried out in the mixture.

## SECTION 16. OTHER INFORMATION

HMIS Rating	Health - 1	Flammability - 0	Physical Hazard - 0
SDS Prepared By	Virox Technologies Inc.		
Phone No.	(800) 387-7578		
Date of Preparation	November 09, 2015		
Disclaimer	For an updated SDS please contact the supplier/manufacturee listed on the first page of this document. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of the material have been fully trained according to the requirement of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and manufacturer/supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document. The contents of this document have been prepared in accordance with Regulation (EC) No 1907/2006, Annex II (453/2010) - Europe and OSHA Hazard Communication Standards (HCS 2012).		

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