

MATERIAL SAFETY DATA SHEET

The following MSDS is prepared based on : WHMIS INFORMATION: The Canadian Workplace Hazardous Information Systems (WHMIS) Classification for this product.

PRODUCT: *HURRISAFE 9010 Ready to Use All Purpose Cleaner*

SHIPPING CLASS: HURRISAFE 9010 Ready To Use All Purpose Cleaner 55 Cleaning Compound, Non Hazardous

1. SECTION I: HAZARDOUS INGREDIENTS

<i>Chemical Identity</i>	<i>Concentration</i>	<i>CAS Number</i>
<i>Ethylene glycol n butyl ether</i>	<i>< 5 %</i>	<i>111-76-2</i>

Toxicological Information

Skin: The LD%) for sin absorption in rabbits is 220 mg/kg.
Ingestion: The oral LD50 for rats is 470 mg/kg.
Inhalation: The LC50 for rats is 700 ppm in 7 hours
Mutagenicity: In vitro mutagenicity studies were inconclusive.
Animal mutagenicity studies were negative.

2. SECTION II: PREPARATION INFORMATION

Prepared by:	Phone Number:	Date of Preparation
PCI OF AMERICA 2701 Tower Oaks Blvd Suite 300 Rockville Maryland 20852	(800) 222-1455 (301) 468-1700 (301) 581-2519 Fax www.Hurrisafe.com	11-11-08

3. SECTION III : PRODUCT INFORMATION

Product Identifier:	Hurrisafe 9010 Ready To Use All Purpose Cleaner
Manufacturers Name:	PCI of America
Street Name	2701 Tower Oaks Blvd , Suite 300
City, State	Rockville Maryland
Zip Code	20852
Country	USA
Phone	(800) 222-1455 (301) 468-1700 Fax (301) 468-1744
E-Mail	Bobbiepettit@hurrisafe.com
'Supplier's Name:	N/A
Street Name:	N/A
City:	N/A
Province	N/A
Postal Code:	N/A
Phone	N/A

PRODUCT USE: Used as received: Wipe-on Wipe off for all washable surfaces

4. SECTION IV: PHYSICAL DATA

Physical State	Odor and Appearance	Evaporation Rate (Water=1)
Liquid	Blue with mild odor	1.0
Specific Gravity (water=1)	Co-efficient of Water/Oil Distribution	Vapor Pressure
1.01	N/A	14.2 mmHg
Boiling Point (°C)	Freezing Point (°C)	Vapor Density (Air-1)
100 (°C)	0	0.62
VOC as per SCAQMD 313-91	Percent Volatile (by-Volume)	pH of Concentrate
15 gm/l at a 1:3 dilution	N/A	11.4-11.8
Percent by Weight:		
15 gram/liter = 0.125 181 066 78 pound/gallon [US]		

5. SECTION V FIRE EXPLOSION HAZARD

Conditions of Flammability:	Non Flammable
Means of Extinction:	No special fire fighting procedures required.
Explosion Data:	None
Sensitivity to Mechanical Impact:	None
Sensitivity to Static Discharge:	None
Flashpoint (°C) :	None
Upper Flammable Limit %:	N/A
Lower Flammable Limit %:	N/A
Autoignition Temperature (°C)	N/A
Hazardous Combustion Product:	No

6. SECTION VI: REACTIVITY DATA

Stability:	Yes
Incompatible Materials:	Yes, avoid oxidizing materials
Conditions of Reactivity:	None
Hazardous Decomposition Products:	None
Incompatible Materials:	Yes, avoid oxidizing materials
Conditions of Reactivity:	None
Hazardous Decomposition Products:	None

7. SECTION VII: TOXICOLOGICAL PROPERTIES

Route of Entry:	Skin
Effects of Chronic Exposure to Product:	This is relatively innocuous substance not expected to cause harm. should treatment ever be required. it would be directed at control of symptoms.
Exposure Limits:	50 ppm
Irritancy to Product:	Skin Irritant, may cause sin dryness and irritation.
Synergistic Products:	None
Evidence of Carcinogenicity, Reproductive Toxicity, Teratogenicity or Mutagenicity:	None
Sensitivity to Product:	N/A

8. SECTION VIII: PREVENTATIVE MEASURES

Personal Protective Equipment:	N/A
Gloves:	Yes, use gloves to prevent skin dryness
Respiratory (specify):	None
Eyes (specify):	Use chemical goggles if splashing is expected
Footwear (specify):	No
Other Equipment (specify):	Wear plastic apron if excessive splashing is expected. If clothing becomes soaked, remove, shower and wash clothing.
Engineering Controls:	Use adequate ventilation, local exhaust is sufficient.
Leak and Spill Procedure:	Small spills flush with water. Large spills: absorb with sawdust, sand or earth
Waste Disposal:	Dispose of in accordance with local, Provincial and Federal Regulations.
Handling Procedures:	Use only with adequate ventilation.
Storage Requirements:	Store in cool dry area. Prevent freezing. If frozen thaw, stir well and use.
Special Shipping Information:	Non-hazardous, class 55, cleaning compound, non-flammable and non-combustible.

Ecotoxicity Information on : Ethylene glycol n butyl ether

Acute LC50 for Fathead Minnow (imephales promelas) is 1700-2137 mg/L
Acute LC50 for water flea (daphnia magna) is 835-1720 mg/L
Acute LC50 for bluegill trout (leppomis macrochirus) 127 mg/L
Acute LC50 for rainbow trout (oncorhynchus mykiss) is greater than 1000 mg/L
Acute LC50 for guppy (poecilia eticulata) is 983 mg/L
Acute LC50 for brown shrimp (crangon crangon) 9s 775 mg/L
Growth inhibition threshold in bacteria is greater than 1000 mg/L.
Growth inhibition EC50 for green alga
Senastrum capricornutum is greater than 1000mg/L

9. SECTION IX: FIRST AID MEASURES

Inhalation:	Remove to fresh air.
Ingestion:	If swallowed drink warm water to dilute stomach contents, induce vomiting.
Eye Contact:	Flush eyes with water for 15 minutes, lifting lower and upper lids. seek attention if irritation persists.
Skin Contact:	Flush thoroughly with soap and water. Dry and apply skin lotion.
Additional information:	N/A
Source Used:	Dow Chemicals Inc. Midland MI 48674. 4-08-99 000046 V.K. Rowe and M.A. Wolf Patty's Industrial Hygiene and Toxicology Van Waters & Rogers MSDS

PRODUCT: HURRISAFE 9010 READY TO USE ALL PURPOSE CLEANER