



# Material Safety Data Sheet

Date Prepared: 02/09/2011

## Duraclean International, Inc.

MSDS #013-T

	Health	Fire	Reactivity	Special	Personal Protection Index
NFPA	1	0	0	N/A	D
HMIS	1	0	0	N/A	

### SECTION 1 - PRODUCT IDENTIFICATION

**Distributor Name:** Duraclean International, Inc. **24 Hr. Emergency Telephone No. (INFOTRAC):** 1-800-535-5053 (U.S.)  
**Address:** 220 W. Campus Dr., Arlington Heights, IL 60004 **1-353-323-3500 (INTL)**  
**Trade Name:** SHAMPOO **Product Type:** Carpet cleaner  
**Chemical Family:** Detergent **Formula:** N/A

### SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/common name	% (optional)	Cas.No.	OSHA PEL	ACGIH TLV (source)
2-Butoxyethanol		111-76-2	50 ppm	25 ppm (skin)
Isopropyl alcohol	<2	67-63-0	400 ppm	400 ppm
Isopropyl alcohol is a toxic substance which is subject to the reporting requirements of Section 313 of the emergency planning and community Right-To-Know Act of 1986 and of 40 CFR 372.				

### SECTION 3 - PHYSICAL DATA

**Boiling Point (degrees F):** 212 **Specific Gravity (H<sub>2</sub>O=1.0):** 1.05 **pH Range:** 9.5  
**Vapor Pressure (mm Hg):** Same as water. **Vapor Density (Air = 1):** Same as water. **Melting Point (degrees F):** N/A  
**Solubility in Water:**  Complete  Invisible  Emulsible (or dispersible)  Slight (or partial)  
**Evaporation Rate (Butyl Acetate = 1):** Same as water.  
**Appearance:** Clear, colorless liquid **Odor:** Detergent

### SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (T.C.C.):** N/A  Boiling  None to limits **Flammable Limits:** N/A **Upper:** **Lower:**  
**Extinguishing Media:** None  
**Special Fire Fighting Procedures:** None  
**Unusual Fire and Explosion Hazards:** None

### SECTION 5 - REACTIVE DATA

**Stability:** Stable **Incompatibility:** Strong oxidizers  
**Hazardous Decomposition Products:** May produce oxides or carbon if incinerated. **Hazardous Polymerization:** Will not occur.  
**Conditions To Avoid:** N/A

### SECTION 6 - HEALTH HAZARDS

**Threshold Limit Value-Product (Section 2-TLV):**  None Established  Not Applicable  
**Primary Routes of Exposure:**  Eye  Skin  Oral  Inhalation  Other  
**Signs and Symptoms of Over-exposure (acute and chronic):**  
**Eyes:** May cause irritation.  
**Skin:** Contact may cause irritation.  
**Ingestion:** Not expected to pose any symptoms or adverse health effects.  
**Inhalation:** Not expected to pose any symptoms or adverse health effects.  
**Signs and Symptoms of Over-exposure (chronic):** Not established  
**Medical Conditions Aggravated by Over-exposure:** None known  
**Carcinogen/Suspect Carcinogen Ingredients:**  NPT  IARC  OSHA  None

**SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES**

**Eyes:** Flush with plenty of water for 15 minutes. Get medical attention.

**Skin:** Wash with plenty of water. Remove contaminated clothing. Launder before rewearing.

**Ingestion:** DO NOT INDUCE VOMITING. Immediately contact a physician or poison control center. Offer small amounts of milk or water.

**Inhalation:** None. No known adverse effects regarding inhalation.

**SECTION 8 - SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** None required with adequate ventilation.

**Ventilation:**  Local  Mechanical  Other

**Protective Gloves:** Rubber.

**Eye Protection:** Chemical splash goggles

**Other Protective Clothing or Equipment:** Rubber boots and impervious clothing to prevent contact.

**Work/Hygienic Practices:** Keep container closed when not in use.

**SECTION 9 - SPILL OR LEAK PROCEDURES**

**Steps to be taken if released or spilled:** Contain large spills to prevent water absorption. Recover product for use. Absorb residues with absorbent materials such as saw dust.

**Waste disposal methods:** Incinerate or landfill in accordance with Local, State and Federal regulations.

**SECTION 10 - STORAGE AND HANDLING INFORMATION**

**Precautions to be taken in handling and storage:** Keep container tightly closed and store in a cool, dry place.

**Other:** KEEP OUT OF REACH OF CHILDREN

**Spill or Release:**

This product contains ingredients regulated under section 313 Emergency Planning and Community Right-to-Know Act (EPCRA) of SARA Title III and 40 CFR 372.

Notice: The information presented herein is based on data considered to be accurate as of the date of preparation of this Material Safety Data Sheet. However, no warranty or representation, express or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.