



# Material Safety Data Sheet

Date Prepared: 2/28/2011

## Duraclean International, Inc.

	Health	Fire	Reactivity	Special	Personal Protection Index
NFPA	1	1	0	0	B
HMIS	1	1	0	0	

MSDS #028-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:** ALL SURFACE SPOT & SOIL REMOVER **Product Type:** Liquid pretreatment  
**Chemical Family:** Aqueous surfactant **Formula:** N/A

### SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/common name	% (optional)	Cas.No.	OSHA PEL	ACGIH TLV (source)
2-butoxyethanol		111-76-2	25 ppm	25 ppm

### SECTION 3 - PHYSICAL DATA

**Boiling Point (degrees F):** 180 **Specific Gravity (H<sub>2</sub>O=1.0):** 1.0 **pH Range:** 9.5  
**Vapor Pressure (mm Hg):** 33 **Vapor Density (Air = 1):** 2 **Melting Point (degrees F):** N/A  
**Solubility in Water:**  Complete  Invisible  Emulsible (or dispersible)  Slight (or partial)  
**Evaporation Rate (vs. H<sub>2</sub>O):**  Faster  Slower  About the same  
**Appearance:** Pale blue liquid. **Odor:** Ammonia like

### SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (T.C.C.):** 53° F.  Boiling  None to limits **Flammable Limits:** N/A **Upper:** **Lower:**  
**Extinguishing Media:** Water, foam  
**Special Fire Fighting Procedures:** None  
**Unusual Fire and Explosion Hazards:** None

### SECTION 5 - REACTIVE DATA

**Stability:** Stable **Incompatibility:** Strong oxidizing agents, acids and bases  
**Hazardous Decomposition Products:** Carbon monoxide, dioxide **Hazardous Polymerization:** Will not occur.

### 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):**  
**Eyes:** Causes irritation.  
**Skin:** May cause irritation, absorbed readily.  
**Ingestion:** May cause irritation of the gastro-intestinal tract, cause pain.  
**Inhalation:** May cause respiratory irritation.  
**Signs and Symptoms of Over-exposure (chronic):** May cause liver problems.  
**Medical Conditions Aggravated by Over-exposure:** Breathing difficulties, skin sensitivity.  
**Carcinogen/Suspect Carcinogen Ingredients:**  NPT  IARC  OSHA  None

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

**Eyes:** Flush with water, if irritation persists, consult physician.

**Skin:** Wash with soap and water, if irritation persists, consult physician.

**Ingestion:** Give large quantity of milk, induce vomiting, get medical attention.

**Inhalation:** Remove to fresh air, if breathing is difficult, consult a physician.

**SECTION 8 - SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** Not required unless product is sprayed into a fine mist.

**Ventilation:** Adequate  Local  Mechanical  Other

**Protective Gloves:** Impervious to chemicals.

**Eye Protection:** Glasses with side shields.

**Other Protective Clothing or Equipment:** Not required for normal usage.

**Work/Hygienic Practices:** Wash with soap and water after contact. Remove soaked clothing.

**SECTION 9 - SPILL OR LEAK PROCEDURES**

**Steps to be taken if released or spilled:** Absorb into absorbent material and dispose.

**Waste disposal methods:** Dispose of to a drain or landfill according to Local, State and Federal regulation.

**SECTION 10 - STORAGE AND HANDLING INFORMATION**

**Precautions to be taken in handling and storage:** Wash hands thoroughly after handling.

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

**SECTION 11 - ENVIRONMENTAL INFORMATION**

**Spill or Release:**

This product does not contain ingredients regulated under section 313 Emergency Planning and Community Right-to-Know Act (EPCRA) of SARA Title III and 40 CFR 372 and is not regulated as hazardous waste under CERCLA and is not subject to the Superfund tax.

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.