



Material Safety Data Sheet

Date Prepared: 11/18/2010

Duraclean International, Inc.

	Health	Fire	Reactivity	Special	Personal Protection Index
NFPA	2	2	0	0	B
HMIS	2	2	0	0	

MSDS #014-D

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: DCS (NEW, IMPROVED)	Product Type: Solvent Cleaner
Chemical Family: Petroleum distillate	Formula: N/A

SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/common name	% (optional)	Cas.No.	OSHA PEL	ACGIH TLV (source)
Odorless mineral spirits		64742-48-9		
Alkyloxy polyethylene oxyethanol		68131-40-8		
This product contains the following chemical subject to the reporting requirements of SARA 313 and 40 CFR 372:				
2 butoxyethanol	18%	111-76-2		

SECTION 3 - PHYSICAL DATA

Boiling Point (degrees F): 340	Specific Gravity (H₂O=1.0): .87	pH Range: 7.5
Vapor Pressure (mm Hg): 10	Vapor Density (Air = 1): 5	Melting Point (degrees F): N/A
Solubility in Water: <input type="checkbox"/> Complete <input type="checkbox"/> Invisible <input type="checkbox"/> Emulsible (or dispersible)	<input checked="" type="checkbox"/> Slight (or partial)	
Evaporation Rate (vs. H₂O): <input checked="" type="checkbox"/> Faster <input type="checkbox"/> Slower <input type="checkbox"/> About the same		
Appearance: Clear, colorless liquid	Odor: Mild citrus fragrance	

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.): 125° F. <input type="checkbox"/> Boiling <input type="checkbox"/> None to limits	Flammable Limits: Upper: 6.5 Lower: .7
Extinguishing Media: Dry chemical, carbon dioxide or water spray	
Special Fire Fighting Procedures: Wear self-contained breathing apparatus.	
Unusual Fire and Explosion Hazards: None	

SECTION 5 - REACTIVE DATA

Stability: Stable	Incompatibility: Strong oxidizing agents
Hazardous Decomposition Products: Carbon monoxide, organic fumes	Hazardous Polymerization: Will not occur.

SECTION 6 - HEALTH HAZARDS

Threshold Limit Value-Product (Section 2-TLV): <input checked="" type="checkbox"/> None Established <input type="checkbox"/> Not Applicable
Primary Routes of Exposure: <input type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input type="checkbox"/> Oral <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Other
Signs and Symptoms of Over-exposure (acute):
Eyes: May cause irritation.
Skin: Prolonged contact defats skin, causes irritation. May be absorbed.
Ingestion: Causes irritation of gastro-intestinal tract
Inhalation: May cause dizziness, headaches and possible unconsciousness.
Signs and Symptoms of Over-exposure (chronic): Not established
Medical Conditions aggravated by Over-exposure: Respiratory disease.
Carcinogen/Suspect Carcinogen Ingredients: <input type="checkbox"/> NPT <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> None

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

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

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

Ingestion: DO NOT INDUCE VOMITING. Get immediate medical attention.

Inhalation: Remove to fresh air, if unconscious give artificial respiration. If breathing is difficult consult a physician.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required unless product is sprayed into a fine mist. Wear a NIOSH approved respirator.

Ventilation: Fan or equivalent Local Mechanical Other

Protective Gloves: Impervious to solvents

Eye Protection: Goggles or glasses with side shields

Other Protective Clothing or Equipment: Protect parts of the body that may come in contact with the product.

Work/Hygienic Practices: Wash with soap and water after contact.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be taken if released or spilled: Absorb into material such as sawdust, etc.

Waste disposal methods: Dispose of to a landfill in conformance 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 place. Do not mix with other chemicals.

Keep away from heat or flames.

Other: KEEP OUT OF REACH OF CHILDREN

SECTION 11 - ENVIRONMENTAL INFORMATION

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 as indicated in Section 2 of the Material Safety Data Sheet.

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.