



Material Safety Data Sheet

Date Prepared: 11/18/2010

Duraclean International, Inc.

MSDS #027-D

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

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: NUTRILEZE	Product Type: Acid cleaner
Chemical Family: Acetic Acid	Formula: N/A

SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/common name	% (optional)	Cas.No.	OSHA PEL	ACGIH TLV (source)
Hydroxyacetic Acid		79-14-1	Not established.	Not established.
Diethylene Glycol		111-46-6	Not established.	Not established.

SECTION 3 - PHYSICAL DATA

Boiling Point (degrees F): 212	Specific Gravity (H₂O=1.0): 1.00	pH Range: 2
Vapor Pressure (mm Hg): N/A	Vapor Density (Air = 1): N/A	Melting Point (degrees F): N/A
Solubility in Water: <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Invisble <input type="checkbox"/> Emulsible (or dispersible) <input type="checkbox"/> Slight (or partial)		
Evaporation Rate (vs. H₂O): <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the same		
Appearance: Clear liquid.	Odor: Burnt sugar.	

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.): N/A <input type="checkbox"/> Boiling <input type="checkbox"/> None to limits	Flammable Limits: N/A	Upper:	Lower:
Extinguishing Media: Water			
Special Fire Fighting Procedures: None			
Unusual Fire and Explosion Hazards: None			

SECTION 5 - REACTIVE DATA

Stability: Stable	Incompatibility: Strong oxidizing agents or alkalis.
Hazardous Decomposition Products: Carbon dioxide & carbon monoxide	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 checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Other
Signs and Symptoms of Over-exposure (acute):
Eyes: Causes irritation.
Skin: Contact may cause irritation.
Ingestion: Causes gastro-intestinal irritation.
Inhalation: Causes respiratory irritation.
Signs and Symptoms of Over-exposure (chronic): Redness or burning of eyes, coughing or breathing discomfort, itching and burning of skin.
Medical Conditions aggravated by Over-exposure: Dermatitis and breathing difficulties.
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 for 15 minutes, if irritation persists, consult a physician.

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

Ingestion: Give large quantity of water, Do Not Induce Vomiting, get immediate 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. If so, wear a NIOSH approved respirator.

Ventilation: Local Mechanical if case of large spills or when used in a confined area. Other

Protective Gloves: Impervious

Eye Protection: 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: Ventilate area by opening doors and windows. Pour dilute ammonia over spill to neutralize. Small spills may be flushed to a sanitary sewer with large amounts of water. Large spills should be recovered with absorbent material and placed in containers for disposal.

Waste disposal methods: Dispose neutralized product to a drain or in sealed containers according to Local, State and Federal regulations.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be taken in handling and storage: Wear chemical safety goggles when pouring the product. Keep container tightly closed and store in a well ventilated area protected from freezing.

Other: KEEP OUT OF REACH OF CHILDREN

SECTION 11 - ENVIRONMENTAL INFORMATION

Spill or Release:

This product contains no ingredients regulated under section 313 of the 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.