



Material Safety Data Sheet

Date Prepared: 12/2/2010

Duraclean International, Inc.

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

MSDS #024-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: BRIGHTENER	Product Type: Colorsafe bleach
Chemical Family: Peroxygen salt	Formula: N/A

SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/common name	% (optional)	Cas.No.	OSHA PEL	ACGIH TLV (source)
Sodium perborate		7632-04-4		5 mg/m ³
Trisodium phosphate		10101-89-0		5 mg/m ³
Sodium sesquicarbonate		533-96-0		Not established.
Sodium metasilicate		6834-92-0		Not established.

SECTION 3 - PHYSICAL DATA

Boiling Point (degrees F): N/A	Specific Gravity (H₂O=1.0): N/A*	pH Range: N/A
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"/> Invisible <input type="checkbox"/> Emulsible (or dispersible) <input type="checkbox"/> Slight (or partial)		
Evaporation Rate (vs. H₂O): N/A <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input type="checkbox"/> About the same		
Appearance: Dry yellow powder.	Odor: No characteristic odor.	
% Volatile by Volume: N/A		

*NIA (No Information Available)

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Open Cup): None. <input type="checkbox"/> Boiling <input type="checkbox"/> None to limits	Flammable Limits:	Upper: N/A	Lower: N/A
Extinguishing Media: Water			
Special Fire Fighting Procedures: None			
Unusual Fire and Explosion Hazards: Product will release oxygen when exposed to high temperatures.			

SECTION 5 - REACTIVE DATA

Stability: Stable but avoid high temperatures.	Incompatibility: Strong oxidizing agents, acids, heavy metal salts, combustible organic moisture and moisture.
Hazardous Decomposition Products: Thermal decomposition may generate oxides of carbon, nitrogen and sulfur along with hydrogen peroxide and oxygen.	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 and chronic):
Eyes: May cause severe irritation and possible tissue burns.
Skin: An acute irritant and may cause severe burns if not washed off promptly.
Ingestion: Is slightly toxic and may cause acute injury to mouth, throat and gastro-intestinal tract.
Inhalation: In a dust form will cause acute irritation of mucous membranes in nose, throat and lungs.
Medical Conditions aggravated by Over-exposure: Breathing difficulties, dermatitis.
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. Get immediate medical attention if irritation persists.

Skin: Wash off promptly with soap and water. If irritation persists consult a physician.

Ingestion: DO NOT INDUCE VOMITING. Rinse mouth thoroughly, then drink 1-2 glasses of luke warm water to dilute. Get immediate emergency medical treatment.

Inhalation: Remove to fresh air. Obtain immediate emergency medical treatment if breathing difficulties continue.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required for normal use. For use with large quantities in a dry state use U.S. Bureau of Mines toxic dust respirator.

Ventilation: Local Mechanical (for emergency situations use an exhaust fan) Other

Protective Gloves: Rubber gloves for repeated or prolonged exposure.

Eye Protection: Chemical safety goggles required in dusty areas.

Other Protective Clothing or Equipment: Eyewash station for areas with high dust concentration.

Work/Hygienic Practices: Do not take internally. Do not get in eyes. Avoid breathing dust and contact with skin. Wash thoroughly after handling and before eating.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be taken if released or spilled: For small quantities flush to sewer with plenty of water. For large amounts sweep up and place in a sealed drum for disposal.

Waste disposal methods: Dispose of in sealed drums 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 to avoid caking. Do not store with heavy metal salts or combustible organic matter. Avoid contamination.

Other: KEEP OUT OF REACH OF CHILDREN

SECTION 11 - ENVIRONMENTAL INFORMATION

Spill or Release:

This product contains no 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.