



# Material Safety Data Sheet

Date Prepared: 11/18/2010

## Duraclean International, Inc.

	Health	Fire	Reactivity	Special	Personal Protection Index
NFPA	1	0	3	0	B
HMIS	1	0	3	0	

MSDS #033-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:** ACTIVATOR SOLUTION **Product Type:** Bleaching solution  
**Chemical Family:** Oxidizer **Formula:** N/A

### SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/common name	% (optional)	Cas.No.	OSHA PEL	ACGIH TLV (source)
Hydrogen Peroxide (7.8%)		7722-84-1	not established	1 ppm (for 90%)

### SECTION 3 - PHYSICAL DATA

**Boiling Point (degrees F):** 212 **Specific Gravity (H<sub>2</sub>O=1.0):** 1.07 **pH Range:** 4  
**Vapor Pressure (mm Hg):** 31 **Vapor Density (Air = 1):** N/A **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:** Clear, colorless liquid **Odor:** Slightly sharp

### 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:** Non-flammable but it is an oxidizing agent. Use water, waterfog, CO<sub>2</sub>.  
**Special Fire Fighting Procedures:** Any tank or container surrounded by fire should be flooded with water for cooling. If hydrogen peroxide is leaking, wear full protective clothing.  
**Unusual Fire and Explosion Hazards:** On decomposition, hydrogen peroxide releases oxygen which will intensify a fire.

### SECTION 5 - REACTIVE DATA

**Stability:** Unstable **Incompatibility:** Iron and other heavy metals, galvanized iron, copper alloys, rust, dirt, organics, wood, paper or other combustibles.  
**Hazardous Decomposition Products:** None **Hazardous Polymerization:** Will not occur.

### SECTION 6 - HEALTH HAZARDS

**Threshold Limit Value-Product (Section 2-TLV):** 1 ppm (for 90%)  None Established  Not Applicable  
**Primary Routes of Exposure:**  Eye  Skin  Oral  Inhalation  Other  
**Signs and Symptoms of Over-exposure (acute):**  
**Eyes:** Extreme irritant - corrosive; causes a burning sensation.  
**Skin:** Severe irritant; tingling sensation and temporary white discoloration.  
**Ingestion:** May cause injury to mouth, throat and internal organs; stomach may be distended due to production of large quantity of gas.  
**Inhalation:** Severe irritant to lungs.  
**Signs and Symptoms of Over-exposure (chronic):** Effects not known.  
**Medical Conditions aggravated by Over-exposure:** Lung and breathing difficulties.  
**Carcinogen/Suspect Carcinogen Ingredients:**  NPT  IARC  OSHA  None

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

**Eyes:** Flush with water for 15 minutes; consult a physician.

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

**Ingestion:** Give large quantity of water to dilute. 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 sprayed into a fine mist, then use a NIOSH approved self-contained respirator.

**Ventilation:** adequate  Local  Mechanical - in confined area use an exhaust fan.  Other

**Protective Gloves:** Impervious to chemicals.

**Eye Protection:** Chemical goggles and/or full face mask.

**Other Protective Clothing or Equipment:** Rubber footwear, polyester or acrylic full cover clothing. Protect eyes and skin.

**Work/Hygienic Practices:** Avoid splashing when pouring hydrogen peroxide. Wash hands with soap and water after contact.

**SECTION 9 - SPILL OR LEAK PROCEDURES**

**Steps to be taken if released or spilled:** For small quantities, dilute with a large volume of water and flush to sewer. For a large quantity, dilute with a large amount of water and, if possible, direct the diluted solution to a diked area and hold until decomposed.

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

**SECTION 10 - STORAGE AND HANDLING INFORMATION**

**Precautions to be taken in handling and storage:** Never return unused hydrogen peroxide to original container. Empty drums should be rinsed with water before discarding. Utensils used for handling hydrogen peroxide should be of glass, stainless steel, aluminum or plastic.

**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 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.