



# Material Safety Data Sheet

Date Prepared: 11/18/2010

## Duraclean International, Inc.

MSDS #023-D

|      |        |      |            |         |                           |
|------|--------|------|------------|---------|---------------------------|
|      | Health | Fire | Reactivity | Special | Personal Protection Index |
| NFPA | 1      | 2    | 0          | 0       | B                         |
| HMIS | 1      | 2    | 0          | 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:** ODOR DESTROYER CONCENTRATE **Product Type:** Deodorant  
**Chemical Family:** Alcohol suspension **Formula:** N/A

### SECTION 2 - HAZARDOUS INGREDIENTS

| Chemical Name/common name | % (optional) | Cas.No. | OSHA PEL | ACGIH TLV (source) |
|---------------------------|--------------|---------|----------|--------------------|
| Isopropanol               |              | 63-67-0 | 400 ppm  | 400 ppm            |
|                           |              |         |          |                    |
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### SECTION 3 - PHYSICAL DATA

**Boiling Point (degrees F):** 200 **Specific Gravity (H<sub>2</sub>O=1.0):** .98 **pH Range:** 4.5  
**Vapor Pressure (mm Hg):** NIA\* **Vapor Density (Air = 1):** 5 **Melting Point (degrees F):** NIA  
**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 yellow liquid. **Odor:** Perfume-like.  
**% Volatile by Volume:** 95

\*NIA (No Information Available)

### SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Open Cup):** None.  Boiling  None to limits **Flammable Limits:** Upper: N/A Lower: N/A  
**Extinguishing Media:** Not flammable (water base solution.)  
**Special Fire Fighting Procedures:** N/A  
**Unusual Fire and Explosion Hazards:** Use water spray to cool containers to prevent rupture.

### SECTION 5 - REACTIVE DATA

**Stability:** Stable **Incompatibility:** N/A  
**Hazardous Decomposition Products:** Carbon monoxide, other toxic gases. **Hazardous Polymerization:** Will not occur.

### SECTION 6 - HEALTH HAZARDS

**Threshold Limit Value-Product (Section 2-TLV):** 400ppm  None Established  Not Applicable  
**Primary Routes of Exposure:**  Eye  Skin  Oral  Inhalation  Other  
**Signs and Symptoms of Over-exposure (acute and chronic):**  
**Eyes:** May cause burning sensation, tearing, redness and swelling.  
**Skin:** May cause itching, burning or dried out feeling.  
**Ingestion:** Causes irritation of gastro-intestinal tract. Will irritate mucous membranes.  
**Inhalation:** May irritate nose, throat and lungs. Can cause coughing, shortness of breath and dizziness.  
**Medical Conditions aggravated by Over-exposure:** Breathing difficulties, dermatitis.  
**Carcinogen/Suspect Carcinogen Ingredients:**  NPT  IARC  OSHA  None

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

**Eyes:** Flush with water for 15 minutes. Get immediate medical attention.

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

**Ingestion:** DO NOT INDUCE VOMITING. 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.

**SECTION 8 - SPECIAL PROTECTION INFORMATION**

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

**Ventilation:** Fan or equivalent     Local     Mechanical     Other

**Protective Gloves:** Rubber gloves.

**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:** Do not take internally. Wash with soap and water after contact.

**SECTION 9 - SPILL OR LEAK PROCEDURES**

**Steps to be taken if released or spilled:** For small quantities flush to a drain with water. For larger quantities provide good ventilation, blanket spill with foam to minimize vapor emission, absorb spill with a dry, inert material and shovel into drums. Do not permit material to get into sewer system.

**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. Keep away from heat or flames. Do not take internally.

**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.