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# The Cleaner Image

## Material Safety Data Sheet

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**MSDS**

**01-JAN-2011**

**PIG Out**

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### CHEMICAL PRODUCT/COMPANY IDENTIFICATION

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#### Material Identification

Product Usage: Paint, ink and grease remover for use by professional carpet cleaners.

#### Company Identification

##### MANUFACTURER/DISTRIBUTOR

The Cleaner Image  
1037 Lakeview Drive  
Nashville, TN 37076

##### PHONE NUMBER

615-449-7998

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### COMPOSITION/INFORMATION ON INGREDIENTS

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Proprietary mixture containing in part:

CHEMICAL	CAS NUMBER	PERCENT
*DICHLOROMETHANE	75-09-2	<20
2-BUTOXYETHANOL	111-76-2	----
ISOPROPANOL	67-63-0	----

\* Regulated as a Toxic Chemical under Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

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### HAZARDS IDENTIFICATION

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\*\*\*\*\*EMERGENCY OVERVIEW\*\*\*\*\*  
\* Flammable liquid. Irritating to eyes and skin. Harmful if swallowed. \*  
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Potential Health Effects:

EYE: Can be eye irritant.

SKIN: Can cause irritation.

INGESTION: Will cause irritation to gastrointestinal tract.

INHALATION: Vapors may irritate respiratory tract.

CHRONIC (CANCER) INFORMATION: Contains ingredients which are listed as carcinogenic to animals.

TERATOLOGY (BIRTH DEFECT) INFORMATION: Contains mutagenic ingredients.

REPRODUCTIVE INFORMATION: Contains reproductive toxins.

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## **FIRST AID MEASURES**

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INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

SKIN CONTACT: In case of contact, immediately wash skin with soap and water. Wash contaminated clothing before reuse.

EYE CONTACT: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

INGESTION: If swallowed, do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

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## **FIRE FIGHTING MEASURES**

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### Flammable Properties

Flash point (isopropanol) 81 deg. F.

Flammable limits (STP): 2 - 12% at 200 deg F (isopropyl alcohol)

Extinguishing media: Water fog, alcohol foam, carbon dioxide, dry chemical, halogenated agents.

Special fire fighting protective equipment: Self-contained breathing apparatus with full face piece and protective clothing.

Unusual fire and explosion hazards: Flammable liquid. Heavy vapors can flow along surfaces to distant ignition sources and flash back. Possible toxic smoke, vapors, fallout and runoff water can result from fires depending on extent of combustion and presence of other combustible materials. Contaminated buildings, areas, and equipment must be properly decontaminated before reuse.

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## **ACCIDENTAL RELEASE MEASURES**

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Wipe or mop up. Contaminated material is RCRA hazardous waste.

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## **HANDLING AND STORAGE**

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### STORAGE

Store in a cool dry place.

## HANDLING

For use by professional carpet cleaners only. Rubber gloves and goggles must be worn. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Use with adequate ventilation or supply breathing apparatus with organic filters if necessary.

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## EXPOSURE CONTROLS/PERSONAL PROTECTION

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Normal handling: Do not breathe vapor or mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.

### Exposure Guidelines

#### DICHLOROMETHANE

OSHA (PEL): 25 ppm (TWA), 125 ppm (STEL), 12.5 ppm (8-hour TWA - Action Level)  
ACGIH (TLV): 50 ppm (TWA), A3 - suspected human carcinogen.

#### 2-BUTOXYETHANOL

OSHA (PEL): 50 ppm skin  
ACGIH (TLV): 20 ppm (TWA), A3 - Confirmed animal carcinogen with unknown relevance to humans

#### ISOPROPYL ALCOHOL

PEL (OSHA) : 400 ppm  
TLV (ACGIH): 400 ppm TWA; 500 ppm STEL

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## PHYSICAL AND CHEMICAL PROPERTIES

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### Physical Data

Form : Liquid

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## STABILITY AND REACTIVITY

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Hazardous Decomposition Product(s): None known.

Hazardous Reactions: None known.

Polymerization: Will not polymerize.

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## TOXICOLOGICAL INFORMATION

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Mixture not tested but based on ingredients can irritate eyes and skin. If swallowed can cause gastrointestinal tract irritation. Target organs are liver, kidneys, lymphoid systems, blood and blood forming organs.

#### DICHLOROMETHANE:

Oral rat LD50: 1600 mg/kg; inhalation rat LC50: 52 gm/m<sup>3</sup>;  
investigated as a tumorigen, mutagen, and reproductive effector.  
Reproductive Toxicity: DICHLOROMETHANE has been linked to spontaneous abortions in humans.  
Cancer Lists: OSHA, IARC 2B, NTP anticipated, ACGIH

#### 2-BUTOXYETHANOL

Oral rat LD50: 470 mg/kg; Inhalation rat LC50: 450ppm/4H; Skin rabbit LD50: 220 mg/kg; investigated as a tumorigen, mutagen, reproductive effector

Reproductive Toxicity: Has shown teratogenic effects in laboratory animals.  
Cancer Lists: ACGIH

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### **ECOLOGICAL INFORMATION**

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Mixture not tested.

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### **DISPOSAL CONSIDERATIONS**

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RCRA hazardous waste. Should be disposed of in a RCRA approved waste facility.

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### **TRANSPORTATION INFORMATION**

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Shipping Information

DOT

Proper Shipping Name: FLAMMABLE LIQUID N.O.S. (ISOPROPANOL)

Hazard Class: 3

I.D. No. (UN/NA) : UN1993

Packing Group: III

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### **REGULATORY INFORMATION**

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U.S. Federal Regulations

TSCA Inventory Status: Reported/Included.

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### **OTHER INFORMATION**

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Additional Information

NA = Not Applicable

NE = Not Established

# = Indicates updated section

STATE RIGHT-TO-KNOW LAWS

No substances on the state hazardous substances list, for the states indicated below, are used in the manufacture of products on this Material Safety Data Sheet, with the exceptions indicated. While we do not specifically analyze these products, or the raw materials used in their manufacture, for substances on various state hazardous substances lists, to the best of our knowledge the products on this Material Safety Data Sheet contain no such substances except for those specifically listed below:

WARNING: SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER:  
DICHLOROMETHANE.

WARNING: SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS

OR OTHER REPRODUCTIVE HARM: None known.

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The information herein is given in good faith but no warranty, expressed or implied, is made. The Cleaner Image assumes no responsibility for personal injury or property damage that may arise from use of this material. Vendees or users assume all risks associated with the use of this material.

Responsibility for MSDS:

The Cleaner Image  
1037 Lakeview Drive  
Nashville, TN 37076