



# Material Safety Data Sheet

**Product Name: E-Z CLEAN**  
Product Number: 1130  
General Use: Technical cleaning

Product Description: 99.7% Isopropyl Alcohol for technical cleaning

## SECTION I

### Distributor's Name & Address:

KICTeam, Inc.  
P.O. Box 1120  
Auburn, ME 04211-1120  
Phone (207) 514-7299  
FAX: (207) 514-7033

Emergency Telephone: (800) 424-9300  
Telephone for information: (800) 255-3924  
Date Prepared: May, 2008

Complies with OSHA's Hazard Communication  
Standard 29 CFR 1910.1200

## SECTION II - Hazardous Ingredients/ Identity Information

Hazardous Components	CAS #	OSHA PEL.	ACGIH TLV	%
Isopropanol	67-63-0	400 ppm	400 ppm	99.7%

This Product contains the following chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372: NONE

## SECTION III - Physical/Chemical Characteristics

Boiling Point:	180° F	Specific Gravity (water=1) 0.78
Vapor Pressure (mm Hg) @ 23.8°C	40	Melting Point N/A
Vapor Density (AIR=1)	2.1	Evaporation Rate (water =1) >1
Solubility in Water	Infinite	
Appearance and Odor	Clear, colorless liquid, sharp alcohol odor	

## SECTION IV - Fire and Explosion Hazard Data



Flash Point (Method Used): TCC 53°F  
Flammable Limits: LEL 2.0 UEL 12.7  
Extinguishing Media: Water, dry chemical CO2

Special Fire Fighting Procedures: Fire fighters should wear a NIOSH approved, pressure demand, self-contained breathing apparatus. Flammable vapors can be dispersed with water spray.

Unusual Fire and Explosion Hazards: Vapors are extremely flammable and can be ignited upon contact with a spark, flame, or a source of heat. Vapors are heavier than air and will travel along ground.

#### **SECTION V - Reactivity Data**

Stability: Stable Hazardous Polymerization: Will not occur

Conditions to Avoid: N/A Conditions to Avoid: NA

Incompatibility (Materials to avoid): Avoid strong oxidizing agents.

Hazardous Decomposition or Product: May form carbon dioxide and carbon monoxide, various hydrocarbons.

#### **SECTION VI - Health Hazard Data**

Route(s) of Entry:

Inhalation? Yes

Skin? Yes

Ingestion? Yes

Health Hazards:

Acute: Inhalation can cause irritation of the respiratory system, dizziness, nausea, lightheadedness, headache, loss of coordination and equilibrium, unconsciousness and even death in confined or poorly ventilated areas. Liquid splashed in the eyes can result in discomfort, pain and irritation. Prolonged or repeated contact with liquid on the skin can cause irritation and dermatitis. The problem may be accentuated by liquid becoming trapped against the skin by contaminated clothing and shoes. Skin absorption can occur.



Chronic: Prolonged exposure above the OSHA & AGGIH permissible exposure limits may result in damage to the peripheral nervous system, particularly the arms and legs.

Carcinogenicity: NTP? No IARC Monographs? No

OSHA Regulated? No

Signs and Symptoms of Exposure: Drying of skin, eye irritation, headache, dizziness, nausea.

Medical Conditions Generally Aggravated by Exposure: None Known.

### **Emergency and First Aid Procedures:**

EYE AND SKIN CONTACT: Flush with plenty of water.  
Remove to fresh air; if breathing is difficult administer oxygen.

INHALATION: If conscious, drink large quantities of water. Do not induce vomiting.

INGESTION: If conscious, drink large quantities of water. Do not induce vomiting.

### **SECTIONS VII - Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled: Due to the packaging, large spills are unlikely to occur. If excess material is released extinguish all sources of ignition and avoid breathing of vapors.

Waste Disposal Method: In accordance with federal, state and local regulations. Do not puncture or incinerate.

Precautions to Be Taken in Handling and Storing: Avoid prolonged breathing of vapors. Use with adequate ventilation. Avoid heat, sparks and open flames. Avoid contact with skin or eyes. Do not take internally. Do not use in confined areas.

Other Precautions: Avoid contact with strong oxidants. Do not use cutting torch on empty container. Do not smoke when using product. Intentional misuse by deliberately concentrating and inhaling vapor contents can be harmful or fatal.



## **SECTION VIII - Control Measures**

Respiratory Protect (specify type):

NIOSH approved self-contained breathing apparatus for concentrations above TLV limits (not necessary with normal use).

Ventilation: Local Exhaust:  
Mechanical (general)  
Special:  
Other:

If needed to maintain workable concentration below permissible exposure limits.  
See Above

Protective Gloves: Polyethylene, Neoprene or Polyvinyl alcohol

Eye Protection: Splash proof goggles

Other Protective Clothing or Equipment: Eye-wash fountain in immediate area. Personnel protective clothing and use of equipment must be in accordance with 29 CFR 1910.33 and 1910.134.

Work/Hygienic Practices: Do not eat, drink or smoke in work areas.

### **Notice**

KICTeam, Inc. expressly disclaims all express or implied warranties to merchantability and fitness for a particular purpose with respect to the product or information provided recognized sources. While the information is believed to be accurate, KICTeam, Inc. makes no representations as to its accuracy or sufficiency. Conditions of use are beyond KICTeam, Inc.'s control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risk of their use, handling and disposal of the product, or from the publications or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.