

Safety Data Sheet

EZ Clean



SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

1.1 Product Identifier

Trade Name EZ Clean
Product Number SUP-M-1304

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Product Use: Saturated cleaning wipes, cleaning pens, cleaning swabs and cleaning cards containing Isopropyl Alcohol for technical cleaning.

1.3 Details of the Supplier of the Safety Data Sheet

Manufacturer: KICTeam
PO Box 1120
Auburn, ME 04211-1120
Information Phone Number: +1 (207) 514-7299
E-mail: info@kicteam.com

1.4 Emergency Telephone Number

Emergency Spill Information +1 (207) 514-7299

SDS Date of Preparation: February 24, 2012

SECTION 2: HAZARDS IDENTIFICATION

This product is a clear, liquid with a slight alcohol odor impregnated on a cellulose pad, polypropylene pad or felt pen core. There is a small amount of liquid on the pads and no free liquid in the packages

2.1 Classification of the Substance or Mixture

Physical:	Health:	Environmental
None	None	None

EU Classification (1999/45/EC): Not classified as dangerous

2.2 Label Elements

No EU Labelling Required

2.3 Other Hazards: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:

Chemical Name	CAS# /	EINECS#	EU Classification (67/548/EEC)	GHS Classification Regulation (EC) No 1272/2008	%
Isopropanol	67-63-0	200-661-7	F, Xi R11, R36, R67	Flamm. Liq. 2 (H225), Eye Irrit. 2 (H319), STOT SE 3 (H336)	<20%

See Section 16 for further information on EU and GHS Classification.

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

Eye Contact: If contact occurs, immediately flush eyes with water for 15 minutes, holding the eye lids open to be sure material is washed out. Get medical attention if irritation persists.

Skin: No first aid should be required. If skin irritation develops, discontinue use and seek medical attention.

Inhalation: If symptoms develop move to fresh air. Get medical attention if irritation persists or other symptoms persist.

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Ingestion: Ingestion is unlikely for solid products. No first aid is required for small amounts transferred from hands to mouth.

4.2 Most Important symptoms and effects, both acute and delayed: No effects expected. May cause slight eye or skin irritation.

4.3 Indication of any immediate medical attention and special treatment needed: None required.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media:

Use water fog, carbon dioxide and dry chemical.

5.2 Special Hazards Arising from the Substance or Mixture

Unusual Fire and Explosion Hazards: Product will burn under fire conditions. Alcohol saturant may ignite if exposed to flame or hot surfaces when damp. Keep away from sparks, flame and hot surface.

Hazardous Decomposition Products: Combustion may produce oxides of carbon.

5.3 Advice for Fire-Fighters:

Firefighters should always wear self-contained breathing apparatus and full protective clothing for fires involving chemicals or in confined spaces. Cool fire exposed containers with water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

None required.

6.2 Environmental Precautions:

Report spill as required by local and federal regulations.

6.3 Methods and Material for Containment and Cleaning Up:

Pick up wipe and place into an appropriate container for disposal. Do not place into containers where ignition sources such as cigarettes or other ignition sources may be discarded.

6.4 Reference to Other Sections:

Refer to Section 8 for protective equipment and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Avoid contact with the eyes. Avoid breathing vapours. Do not smoke when handling.

7.2 Conditions for Safe Storage, Including any Incompatibilities

Avoid excessive heat and flames.

7.3 Specific end use(s):

Technical cleaning.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Chemical Name	Exposure Limits
Isopropanol	200 ppm OSHA PEL 200 ppm TWA ACGIH TLV, 250 ppm STEL

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	200 ppm TWA DFG MAK 400 ppm TWA UK WEL, 500 ppm STEL UK WEL
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Refer to local regulations if exposure limits are not listed above.

8.2 Exposure Controls:

Engineering Controls: General ventilation is adequate under normal conditions of use.

Respiratory Protection: None required for normal use.

Skin Protection: None required.

Eye Protection: None required.

Other: None required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties:

Appearance: Clear liquid with an alcohol odor impregnated on a cellulose pad, fabric pad, or felt pen core.	Vapor Density: 2.1 (isopropanol)
Odor: Mild alcohol odor.	Specific Gravity: 0.78
Odor Threshold: No data available	Water Solubility: Saturant - infinite
pH: Not available	Octanol/Water Partition Coefficient: Not available
Melting Point/Freezing Point: -121°F (-85°C) (isopropanol)	Autoignition Temperature: >662°F (>350°C)
Boiling Point: Not available	Decomposition Temperature: Not available
Flash Point: 54°F (12°C) (isopropanol)	Viscosity: Not available
Evaporation Rate: 1.2 (butyl acetate =1)	Explosion Properties: Not explosive
Flammable Limits: None	Oxidizing Properties: Not oxidizing
Vapor Pressure: 32.25 mmHg @ 20°C (isopropanol)	

9.2 Other Information:

None

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

Not reactive under normal conditions of use.

10.2 Chemical Stability:

Stable under normal storage and handling conditions.

10.3 Possibility of Hazardous Reactions:

None known.

10.4 Conditions to Avoid:

Avoid heat, sparks, and open flames.

10.5 Incompatible Materials:

Avoid oxidizing agents, aldehydes, chlorine, ethylene oxide, acids, and isocyanates.

10.6 Hazardous Decomposition Products:

Thermal decomposition may produce carbon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Eye: Direct contact with the liquid may cause eye irritation with redness, tearing, and stinging.

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Skin: Prolonged skin contact may cause irritation, drying, and dermatitis.

Inhalation: Inhalation of vapors may cause upper respiratory tract irritation and central nervous system effects including headache, dizziness, drowsiness, or confusion.

Ingestion: This product contains only a small amount of liquid. No adverse effects are expected.

Acute Toxicity Values:

Isopropanol: Oral rat LD50 5,045 mg/kg; inhalation rat LC50 16,000 ppm/8 hr; Skin rabbit LD50 12,800 mg/kg

Irritation: Isopropanol is an eye irritant.

Corrosivity: This is not a corrosive product.

Sensitization: This product is not expected to cause sensitization.

Repeat Dose Toxicity: F344 rat and CD-1 mice were exposed to 0, 100, 500, 1500, or 5000 ppm isopropanol for 13 weeks. Signs of narcosis were observed in the 5000- ppm isopropanol groups only. Increased body weight and/or body weights gain were observed for rats of the 1500- and 5000-ppm groups as well as female mice of the 5000-ppm group compared to control animals. Changes to food and water consumption generally corresponded to changes in body weight. Increased relative liver weights for both sexes of rats and female mice of the 5000-ppm group and increased size and frequency of hyaline droplets within the kidneys of exposed male rats were observed.

Carcinogen Status: None of the components are listed as a carcinogen by IARC, NTP, ACGIH, OSHA or EU Substances Directive.

Germ Cell Mutagenicity: In an in-vivo study, isopropanol did not induce micronuclei in bone marrow of mice. Studies conducted in mammalian cells in vitro, it did not induce sister chromatid exchanges or gene mutations. Isopropanol did not induce aneuploidy in Neurospora crassa study. It is not mutagenic to bacteria.

Toxicity for Reproduction: Isopropyl alcohol was given continuously in drinking water in doses of 1.5, 1.4, & 1.3 g/kg body wt/day to parents and to two successive generations of rats, respectively. neither growth, reproductive function nor embryonic or postnatal development were affected, except for some retardation of growth early in life of first generation rats.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

This product contains less than 3 grams of liquid on the pads and no free liquid in the package. No adverse effects on the aquatic environment are expected.

Isopropanol: 96 hr LC50 fathead minnows 6,120 mg/L; 48 hr LC50 brown shrimp 1400 mg/L,

12.2 Persistence and Degradability:

Isopropanol: Readily biodegradable

12.3 Bioaccumulative Potential:

Not expected to bioaccumulate.

12.4 Mobility in Soil:

No data available.

12.5 Results of PBT and vPvB Assessment:

Not required.

12.6 Other Adverse Effects:

None known.

SECTION 13: DISPOSAL INFORMATION

13.1 Waste Treatment Methods

Dispose in accordance with local and national environmental regulations.

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SECTION 14: TRANSPORT INFORMATION

	41.1 UN Number	41.2 UN Proper Shipping Name	14.3 Transport Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
US DOT		Not Regulated (49 CFR 172.102 Special Provision 47)			
EU ADR/RID		Not Regulated (Special Provision 216)			
IMDG		Not Regulated (Special Provision 216)			
ICAO		Not Regulated (Special Provision A46)			

14.6 Special Precautions for User:

None

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:

Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:

International Inventories:

US EPA TSCA Inventory: All of the components are listed on the TSCA inventory.

Canadian Environmental Protection Act: All of the ingredients are listed on the Canadian Domestic Substances List.

European Union: All of the components of this product are listed on the European Inventory of New and Existing Chemical Substances (EINECS) inventory.

Australia: All of the ingredients of this product are listed on the Australian Inventory of Chemical Substances (AICS).

China: All of the ingredients of this product are listed on the Inventory of Existing Chemical Substance in China (IECSC).

Korea: All of the components of this product are listed on the Korean Existing Chemical List (KECL).

Japan: All of the components of this product are listed on the Japanese Existing and New Chemical Substances List (ENCS).

New Zealand: All of the components of this product are listed on the New Zealand Inventory of Chemicals (NZIoC).

Philippines: All of the components of this product are listed on the Philippine Inventory of Chemicals and Chemical Substances (PICCS).

U.S. REGULATIONS

OSHA Hazard Classification: Irritant

CERCLA: This product is not subject to CERCLA reporting requirements, however, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

EPA SARA 302: This product does not contain chemicals regulated under SARA Section 302.

EPA SARA 311 Hazard Classification: Acute Health

EPA SARA 313: This product contains the following chemicals that are regulated under SARA Title III, section 313:
None

California Proposition 65: This product contains the following chemicals which are known to the State of California to cause cancer, reproductive toxicity or birth defects: None

INTERNATIONAL REGULATIONS

WHMIS Classification: Class D-2B (Toxic materials causing other chronic effects)

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15.2 Chemical Safety Assessment:
Not required

SECTION 16: OTHER INFORMATION

SDS Revision History:

2/10/12: Converted US SDS to EU REACH SDS

GHS Phrases for Reference (See Section 2 and 3):

H225 Highly flammable liquid and vapor.

H319 Causes serious eye irritation

H336 May cause drowsiness or dizziness.

EU Classes and Risk Phrases for Reference (See Sections 2 and 3):

F Highly Flammable

Xi Irritant

R11 Highly flammable.

R36 Causes eye irritation.

R67 Vapours may cause drowsiness or dizziness.

This sheet was compiled from the latest available information and reliable sources. Procedures are based on accepted usage. They are not necessarily all-inclusive and may vary in every circumstance. Weld-Aid provides no warranties either expressed or implied and assumes no responsibility for the accuracy or completeness of the data herein.