



SECTION 1: PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: EZ Clean 01 Solution
Product Number: SUP-M-1304-A

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

Manufacturer: KICTeam
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Website: www.kicteam.com

SDS Date of Preparation: 07/02/12

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This product is a clear liquid with an 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. This product is packaged for the consumer market under 16 CFR 1500.83 (Exemptions for small packages, minor and special circumstances).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS#.</u>	<u>WT.%</u>
Isopropanol	67-63-0	90-100%

SECTION 4: FIRST AID MEASURES

Eye Contact: If contact occurs, immediately flush eyes with water for 15 minutes, holding the eye lids open to be sure the 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.

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

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: Use alcohol foam, carbon dioxide or dry chemical.

Special Firefighting Procedures: Firefighters should wear full emergency equipment and an approved positive pressure self-contained breathing apparatus.

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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps to Be Taken In Case Material Is Released or Spilled: 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.



SECTION 7: HANDLING and STORAGE

Precautions to Be Taken In Handling and Storing: Avoid contact with eyes, avoid breathing vapors. Do not smoke when handling. Wash hands with soap and water after use. Keep product away from heat and flames.

SECTION 8 EXPOSURE CONTROLS and PERSONAL PROTECTION

Exposure Guidelines:

INGREDIENTS	CAS#.	EXPOSURE LIMITS
Isopropanol	67-63-0	200 ppm OSHA PEL 200 ppm TWA ACGIH TLV, 250 ppm STEL

Respiratory Protection: None needed under normal conditions of use.

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

Gloves: None required under normal conditions of use.

Protective Clothing: None required.

Eye Protection: None required.

Other Protective Equipment: None required.

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

Appearance and Odor: Clear, liquid with an alcohol odor impregnated on a cellulose pad, fabric pad or felt pen core.

The following data pertains to isopropanol saturant:

Boiling Point (@ 760 mmHg): 180°F (82°C)

Specific Gravity (H₂O=1): 0.78

VOC: 787 g/liter

Evaporation Rate: 1.2 (butyl acetate = 1) (isopropanol)

pH: Not available

Flash Point: 54°F (12°C)

Flammable Limits: (vol % in air) LEL – 2% (isopropanol)

Autoignition Temperature: >662°F (>350°C)

Freezing Point: -121°F (-85°C) (isopropanol)

Vapor Pressure: 32.25 mmHg @ 20°C (isopropanol)

Vapor Density (AIR=1): 2.1 (isopropanol)

Solubility in Water: Infinite

Coefficient of Water/Oil: Not available

UEL – 12.7% (isopropanol)

SECTION 10: STABILITY and REACTIVITY

Stability: This material is stable.

Conditions to Avoid: Keep away from heat sparks and open flames.

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

Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.

Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Health Hazards:

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

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.

Chronic Exposure: Prolonged or repeated overexposure may cause drying, defatting and dermatitis.

Medical Conditions Aggravated By Exposure: None expected under normal conditions of use.

Toxicology Data:

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

SECTION 12: ECOLOGICAL INFORMATION

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, Readily biodegradable

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose in accordance with all local, state and federal regulations.

SECTION 14: TRANSPORT INFORMATION

Dot Shipping Name: Not Regulated (49 CFR 172.102 Special Provision 47)

Dot Hazard Classification: None

Dot Labels Required (49CFR172.101): None

UN Number: None

SECTION 15: REGULATORY INFORMATION

EPA SARA 311 Hazard Classification: Acute Health

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

CERCLA Hazardous Substances (Section 103)/RQ: This product is not subject to CERCLA reporting requirements as it is sold. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

Toxic Substances Control Act: All of the components of this product are listed on the TSCA inventory.

California Proposition 65: This product does not contain chemicals regulated under California Proposition 65.

WHMIS Classification: Class D, Division 2B (Toxic material causing other chronic effects.)

This MSDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the MSDS contains all of the information required by the CPR.



SECTION 16: OTHER INFORMATION

NFPA Rating: Health: 1 Fire: 3 Reactivity: 0

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