

Safety Data Sheet

K2-MCRB50
KT MICR CHK RDR/CURRENCY CNTR
50 CLEANING CARDS

3/5/2019

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. KICTeam provides no warranties either expressed or implied and assumes no responsibility for the accuracy or completeness of the data herein.

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

1.1 Product Identifier

Trade Name: KT MICR CHK RDR/CURRENCY CNTR
50 CLEANING CARDS

Product Number: K2-MCRB50
Refer to Section 16 for alternate product names covered by this SDS.

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

Product Use: Technical Cleaning

1.3 Details of the Supplier of the Safety Data Sheet

Manufacturer:	KICTeam, Inc. 1130 Minot Avenue Auburn, ME 04210 USA	KICTeam, Inc. 5925 Airport Rd, Suite 200 Mississauga, Ontario, L4V 1W1 Canada
Information Phone Number:	+1 (207) 514-7030	+1 (905) 405-6250
E-mail:	info@KICTeam.com	

1.4 Emergency Telephone Number

Emergency Spill Information:	CHEMTREC US: +1 (800) 424-9300	CHEMTREC International: +1 (703) 741-5500
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SDS Date of Revision: October 29, 2018

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. This product is a packaged for the consumer market under 16 CFR 1500.83 (Exemptions for small packages, minor and special circumstances) and is exempt from labeling.

2.1 Classification of the Substance or Mixture

Physical:	Health:	Environmental
None	Eye Irritation Category 2A	None

2.2 Label Elements



Warning!

Contains: Isopropanol

Hazard Phrases

H319	Causes serious eye irritation.
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Precautionary Phrases

P264	Wash exposed skin thoroughly after handling.
P280	Wear eye protection.

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P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.

2.3 Other Hazards: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical Name	CAS#	EINECS# / REACH Registration	GHS Classification Regulation (EC) No 1272/2008	%*
Isopropanol	67-63-0	200-661-7	Flam. Liq. 2 (H225), Eye Irrit. 2 (H319), STOT SE 3 (H336)	99.7%

The exact composition of this product is a trade secret.

*Percentages represent amount of ingredient in the solvent mixture but does not represent the total weight percent of the finished product.

See Section 16 for further information on 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 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.

4.2 Most Important symptoms and effects, both acute and delayed: In case of contact with liquid: Causes eye irritation. Prolonged skin contact may cause dryness and irritation.

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

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing Media:

Use water fog, carbon dioxide, or 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 Firefighters:

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.

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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 card 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 15 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for Safe Handling:**
Avoid contact with the eyes. Avoid breathing vapors. 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	Biological Limit Value
Isopropanol	400 ppm OSHA PEL 200 ppm TWA ACGIH TLV, 400 ppm STEL 200 ppm TWA DFG MAK, 400 ppm STEL 400 ppm TWA UK WEL, 500 ppm STEL UK WEL 400 ppm TWA AU OEL, 500 ppm STEL AU OEL	None Established

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.

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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: 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: Not available	Oxidizing Properties: Not oxidizing
Vapor Pressure: 32.25 mmHg @ 20°C (68°F) (isopropanol)	VOC Content: No data available
Percent Volatile: No data available	Release of Invisible Vapors and Gases: Yes

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.

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.

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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

Skin Irritation/Corrosion: This product is not classified as irritating to skin.

Serious Eye Damage/Irritation: Isopropanol is an eye irritant.

Respiratory or Skin Sensitization: No data available. Not expected to cause sensitization.

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 was not mutagenic to bacteria.

Carcinogenicity: No data available. None of the components of this product are listed as carcinogens by OSHA, IARC, NTP, ACGIH or the EU CLP.

Reproductive Toxicity: 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 developments were affected, except for some retardation of growth early in life of first generation rats.

Specific Target Organ Toxicity:

Single Exposure: No data available

Repeat Exposure: 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.

Aspiration Hazard: This product is not classified as an aspiration hazard

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

This product contains less than 3 grams of liquid on the cards 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.

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12.6 Other Adverse Effects:

None known.

SECTION 13: DISPOSAL INFORMATION

13.1 Waste Treatment Methods:

Safe Handling and Disposal Method: Discard used product in an appropriate container. Do not place into containers where ignition sources such as cigarettes or other ignition sources may be discarded.

Disposal of Contaminated Packaging: Discard empty packaging in trash.

Environmental Regulations: Dispose in accordance with all local, state and federal regulations.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN Number	14.2 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)			
TDG		Not Regulated (Special Provision 56)			
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

US Regulatory Information:

EPA SARA 311 Hazard Classification: Refer to Section 2 for OSHA Hazard Classification.

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.

Canadian Regulatory Information:

WHMIS Classification: Not hazardous

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

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

15.2 Chemical Safety Assessment:
Not required.

SECTION 16: OTHER INFORMATION

Date of Current Revision: March 5, 2019

Revision Summary: Initial Release

Date of Previous Revision: Not Applicable

Previous Product Names Covered by This SDS: Envanish Electronic Cleaner, Envanish Electronic Cleaner 01, Electronic Cleaner, Electronic Cleaner 01, EZ Clean, EZ Clean 01

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

Flam. Liq. 2 Flammable Liquid Category 2

Eye Irrit 2 Eye Irritation Category 2

STOT SE 3 Specific Target Organ Toxicity Single Exposure Category 3

H225 Highly flammable liquid and vapor.

H319 Causes serious eye irritation

H336 May cause drowsiness or dizziness.

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