

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

1.1 Product Identifier:

Trade Name: KICPAD™ RENEW For Cleaning Label Printers
Label Product Number: K7086R
KIC Product Number: K2-SCBLT12

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. PO Box 1120 Auburn, ME 04211-1120	KICTeam, Inc. 2425 Matheson BLVD East, Mississauga, ON L4V 1W1 Canada
Information Phone Number:	+1 (800) 818-1932	+1 (905) 405-6250
E-mail:	info@KICTeam.com	

1.4 Emergency Telephone Number:

Emergency Spill Information: CHEMTREC
+1 (800) 424-9300
SDS Date of Preparation: 5/29/2020
SDS Revision Number: Initial Release

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture:

Physical: None
Health: None
Environmental: None

2.2 Label Elements: None Required

Hazard Phrases: None Required
Precautionary Phrases: None Required

2.3 Other Hazards: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures:

Chemical Name: Water
CAS#: 7732-18-5
EINECS#: 231-791-2
GHS Classification Regulation (EC) No 1272/2008: Not Classified
WT %: >75

Chemical Name: Ethanol
CAS#: 64-17-5
EINECS#: 200-578-6
GHS Classification Regulation (EC) No 1272/2008:
Flam Liq. 2 (H225)
Eye Irrit. 2 (H319)
WT %: 25

Chemical Name: Ethyl Acetate
CAS#: 141-78-6
EINECS#: 205-500-4
GHS Classification Regulation (EC) No 1272/2008:
Flam Liq. 2 (H225)
Eye Irrit. 2 (H319)
STOT SE 3 (H336)
WT %: <3

See Section 16 for further information on GHS Classification.

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures:

Eye Contact: No first aid is required under normal conditions of use. If contact occurs, flush eyes with water. Get medical attention if irritation persists.

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

Inhalation: No first aid should be needed.

Ingestion: Ingestion is unlikely for this product. No first aid is required for small amounts transferred from hands to mouth. **4.2 Most Important symptoms and effects, both acute and delayed:** Prolonged skin contact may cause dryness and 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, or dry chemical.
- 5.2 Special Hazards Arising from the Substance or Mixture:
Unusual Fire and Explosion Hazards: Not expected to present a fire hazard.
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.

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 product and place into an appropriate container for disposal.
- 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 and skin. Wash hands with soap and water after use.
- 7.2 Conditions for Safe Storage, including any Incompatibilities: None known.
- 7.3 Specific end use(s): Technical cleaning.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Chemical Name: Water
Exposure Limits: None established
Biological Limit Value: None established

Chemical Name: Ethanol
Exposure Limits:
1000 ppm STEL ACGIH TLV
1000 ppm TWA OSHA PEL
200 ppm TWA, 800 ppm STEL DFG MAK
1000 ppm TWA UK WEL
1000 ppm TWA AU OEL
Biological Limit Value: None established

Chemical Name: Ethyl Acetate
Exposure Limits:
400 ppm STEL ACGIH TLV
400 ppm TWA OSHA PEL
200 ppm TWA, 400 ppm STEL DFG MAK
200 ppm TWA, 400 ppm STEL UK WEL
200 ppm TWA, 400 ppm STEL AU OEL
Biological Limit Value: None established

8.2 Exposure Controls:

Engineering Controls: General ventilation is adequate under normal conditions of use.
Respiratory Protection: None required for normal use.
Skin Protection: Wear appropriate chemical-resistant gloves. In Europe follow EN 374.
Eye Protection: Wear safety glasses with side-shields or goggles. In Europe follow EN 166.
Other: None required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties:

Appearance: Clear liquid with a faint odor impregnated on a cellulose pad, fabric pad, or felt pen core
Odor: Faint odor
Odor Threshold: No data available
pH: Not available
Melting Point/Freezing Point: Not available
Boiling Point: Not available
Flash Point: Not flammable
Evaporation Rate: Not available
Flammable Limits: Not flammable
Vapor Pressure: Not available
Percent Volatile: Not available
Vapor Density: Not available
Specific Gravity: Not available
Water Solubility: Saturant – Infinite

Octanol/Water Partition Coefficient: Not available
Autoignition Temperature: Not flammable
Decomposition Temperature: Not available
Viscosity: Not available
Explosion Properties: Not explosive
Oxidizing Properties: Not oxidizing
VOC Content: Not available
Release of Invisible Vapors and Gases: Not available
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: None known.
10.5 Incompatible Materials: Avoid oxidizing agents, reducing agents, fluorides, acids, and bases.
10.6 Hazardous Decomposition Products: Thermal decomposition may produce oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Eye: Direct contact may cause slight eye irritation with redness, tearing, and stinging.
Skin: Prolonged exposure may cause irritation, drying, and dermatitis. May cause allergic skin reaction with redness, itching, and hives.
Inhalation: Inhalation of mists or vapors may cause upper respiratory tract irritation.
Ingestion: Swallowing may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.
Acute Toxicity Values:
Ethanol: Oral rat LD50- 7060 mg/kg, Inhalation rat LC50 - 117-125 mg/L/4 hr
Ethyl Acetate: Oral rat LD50- 4934 mg/kg
Skin Irritation/Corrosion: Ethanol: Non- irritating to slightly irritating in rabbit skin.
Serious Eye Damage/Irritation: Ethanol resulted in a mild-temporary irritation in rabbits which was not sufficient to trigger classification.
Respiratory or Skin Sensitization: Ethanol: Not sensitizing in Guinea pig maximization test and Mouse ear swelling test.
Germ Cell Mutagenicity: Ethanol: Repeated ingestion of ethanol by pregnant mothers has been shown to adversely affect the central nervous system of the fetus, resulting in fetal alcohol syndrome. These effects include mental and physical retardation, disturbances of learning, motor and language deficiencies, behavioral disorders and small head size.
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: Not expected to be harmful to fertility or the unborn child.
Specific Target Organ Toxicity:
 Single Exposure: No data available
 Repeat Exposure: No data available.
Aspiration Hazard: This product is not classified as an aspiration hazard.

SECTION 12: ECOLOGICAL INFORMATION

- 12.1 Toxicity: Ethanol: 96hr LC50 Rainbow trout- 13000 mg/L, 48hr LC50 Daphnia magna- 11,853-13,248 mg/L (static)
12.2 Persistence and Degradability: Ethanol: readily biodegradable- 45% after 5 days.
12.3 Bioaccumulative Potential: No data available.
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:

Safe Handling and Disposal Method: Discard used product in an appropriate container.
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: 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)
14.3 Transport Hazard Class(s):None
14.4 Packing Group:None
14.5 Environmental Hazards: No
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 has an RQ of 166,667 lbs (based on the RQ of Ethyl Acetate of 5,000 lbs present at <3%). Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

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

California Proposition 65: This product contact contains the following materials known to the state of California to cause cancer and/or reproductive harm: None.

Canadian Regulatory Information:

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

SDS Revision History: Initial release

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

Eye Irrit. 2 Eye Irritant Category 2

Flam Liq. 2 Flammable Liquid Category 2

STOT SE 3 Specific Target Organ Toxicity Single Exposure Category 3

H225 Very flammable liquid and vapor.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

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