

## 1. IDENTIFICATION

**Product Name:** KIMTECH PURE\* CL4 Pre-Sat Wipers - 70% Isopropyl Alcohol;  
KIMTECH PURE\* W4 Pre-Saturated Sterile Wipers - 70% Isopropyl Alcohol

**Product Number:** 06070, 06070 (US), 7647 (Europe), 7649 (Europe), 76490 (US)

Manufacturer:	Kimberly-Clark Corporation 1400 Holcomb Bridge Road Roswell, GA 30076-2199 United States of America  Kimberly-Clark Europe Limited Professional Sector Reigate, Surrey RH2 9PZ United Kingdom
Telephone: MEDICAL EMERGENCY TRANSPORTATION EMERGENCY INFORMATION	United States 1-877-561-6587 Chemtrec 1-800-424-9300 1-888-346-4652  Europe Tel: +44 1737 736000 Fax: +44 1737 736670 Contact: Specialty Wipers Technical Manager

**Product Use:** Cleaning wiper pre-saturated with 70% IPA solution.

For additional information contact: [kcpinfo@kcc.com](mailto:kcpinfo@kcc.com).

## 2. HAZARDS IDENTIFICATION

**GHS Classification:**

Flammable Liquid Category 2.

Eye Damage/Irritation Category 2A

Specific Target Organ Toxicity - Single Exposure Category 3

**GHS Labeling:**

 Flame	 Exclamation mark
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**DANGER**

H225. Highly flammable liquid and vapor.

H319. Causes serious eye irritation.

H336 May cause drowsiness and dizziness.

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P233 Keep container tightly closed.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves and eye protection.

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.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTER or doctor if you feel unwell.

P370+P378 In case of fire: Use water, carbon dioxide, dry chemical or alcohol foam for extinction.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with all local and national regulations.

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<i>Chemical Name</i>	<i>CAS-No./ EINECS-No</i>	<i>%</i>	<i>GHS Classification:</i>
Isopropanol (Isopropyl alcohol, propan-2-ol)	67-63-0 / 200-661-7	70% (solution)	Flamm Liq. 2 (H225), Eye Irrit 2 (H319), STOT SE 3 (H336)
Polypropylene	9003-07-0	non-woven fabric	Not Hazardous

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**4. FIRST AID MEASURES**

**Inhalation:** Move to fresh air. Seek medical advice if cough, shortness of breath or other respiratory problems occur.

**Skin contact:** No first aid should be needed. Discontinue use and obtain medical attention if irritation develops and persists.

**Eye contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Obtain medical attention if irritation persists.

**Ingestion:** Call a physician or Poison Control Centre immediately. If victim is conscious, rinse mouth with a small amount of water. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person.

**Most Important symptoms and effects, both acute and delayed:** May cause eye irritation. Excessive inhalation may cause respiratory irritation, coughing, shortness of breath, nausea, dizziness, loss of coordination, drowsiness, loss of consciousness and other symptoms of central nervous system depression. Prolonged skin contact may cause skin irritation.

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

## 5. FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) Extinguishing Media:** Dry chemical, carbon dioxide, alcohol-resistant foam or water fog.

**Specific Hazards Arising from the Chemical:** Flammable liquid. Vapors are heavier than air and may flow along surfaces to remote ignition sources and flash back.

**Hazardous Combustion Products:** Carbon monoxide, carbon dioxide.

**Special Protective Equipment and Precautions for Fire-fighters:** Wear self-contained breathing apparatus and protective suit.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Remove all sources of ignition. Ventilate the area.

**Environmental Precautions:** Report releases as required by local and federal regulations.

**Methods and Materials for Containment and Cleaning Up:** Pick up and place in a suitable container for use or disposal.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid contact with eyes. Avoid breathing vapors or mists. When using do not smoke.

**Conditions for Safe Storage, including any Incompatibilities:** Store in a cool, dry, well ventilated area.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure limit(s)

Chemical Name	Exposure limit(s)
Isopropanol (Isopropyl alcohol, propan-2-ol)	400 ppm US OSHA PEL-TWA

	200 ppm ACGIH TLV-TWA, 400 ppm ACGIH TLV-STEL 200 ppm DFG MAK 400 ppm UK 8 hr TWA, 500 ppm UK 15 min
Polypropylene	None established

**Appropriate Engineering Controls:** Ensure adequate ventilation to maintain airborne concentrations below applicable occupational exposure limits.

**Individual Protection Measures, such as Personal Protective Equipment:**

**Respiratory Protection:** No personal respiratory protective equipment normally required. Avoid breathing vapors or mists.

**Protective Gloves:** None required for normal use.

**Eye Protection:** Safety glasses or goggles recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor	Clear liquid with an alcohol odor on a polypropylene towel.
Odor Threshold:	Not applicable
Boiling point/range	181°F (83°C)(solution)
Melting point/range	300°F (149°C)(Polypropylene)
Specific Gravity (water=1)	<1.0(solution)
Vapor pressure	33 mmHg@20°C(Isopropanol)
Vapor density (air=1)	2.1
Solubility	Solution - completely soluble in water
pH	Not available
Partition coefficient (n-octanol/water):	Not available
Evaporation Rate (Butyl acetate=1)	Not available
Viscosity:	Not available
Volatile Organic Carbon Compounds (VOC) (g/L)	80%
Flashpoint:	44°F (6.7°C)
Flammable Limits in Air % by Volume:	LEL (Lower):2.0% UEL (Upper): 12.7%
Autoignition temperature:	Not available
Decomposition temperature:	Not available

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Flammability (solid, gas):	Not applicable
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## 10. STABILITY AND REACTIVITY

**Reactivity:** Not reactive.

**Chemical Stability:** Stable at ambient temperature and pressure.

**Possibility of Hazardous Reactions:** None currently known.

**Conditions to Avoid:** Avoid sparks, flame and excessive heat.

**Incompatible Materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide.

## 11. TOXICOLOGICAL INFORMATION

### Symptoms/Effects of Overexposure:

**Inhalation:** Excessive inhalation may cause respiratory irritation, coughing, shortness of breath, nausea, dizziness, loss of coordination, drowsiness, loss of consciousness and other symptoms of central nervous system depression.

**Skin contact:** Prolonged skin contact may cause skin irritation.

**Eye contact:** May cause eye irritation.

**Ingestion:** May cause mucous membrane and gastrointestinal irritation and other adverse effects.

**Chronic toxicity:** None currently known.

**Carcinogenicity Data:** None of the components of this product is listed as a carcinogen by IARC, NTP, US OSHA or the EU CLP Annex VI.

**Reproductive Toxicity:** No adverse effects on reproduction are known.

### Numerical Measures of Toxicity:

Isopropanol (Isopropyl alcohol): LD50 Oral rat 5045 mg/kg; LD50 Skin rabbit 12,800 mg/kg; LC50 Inhalation rat 16,000 ppm/8 hour

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Isopropanol (Isopropyl alcohol): Isopropanol: LC50 fathead minnows 11,130 mg/L/48 hr; LC50 brown shrimp 1400 mg/L/48 hr

**Persistence and Degradability:** Isopropanol is readily biodegradable.

**Bioaccumulative Potential:** Isopropanol has an estimated BCF of 3 suggesting that the potential for bioaccumulation is low.

**Mobility in Soil:** No data available

**Other Adverse Effects:** None currently known.

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### 13. DISPOSAL CONSIDERATIONS

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

### 14. TRANSPORT INFORMATION

**US DOT Shipping Description:** Solids containing flammable liquids, n.o.s.  
(isopropanol), 4.1, UN3175, PGII

A limited quantity may be renamed "consumer commodity" and reclassified as ORM-D. Please consult 49CFR 173.\*\*\* MISSING VALUE \*\*\* for additional information.

**IATA Shipping Description (Air):** Solids containing flammable liquids, n.o.s.  
(isopropanol), 4.1, UN3175, PGII

**IMDG Shipping Description (Vessel):** Solids containing flammable liquids, n.o.s.  
(isopropanol), 4.1, UN3175, PGII

### 15. REGULATORY INFORMATION

#### US Regulations

**EPA Toxic Substances Control Act (TSCA):** All of the components of this product are listed on the TSCA Inventory or exempted from TSCA.

**SARA 302 Listed Chemicals:** None.

**SARA 311/312 Hazard Categories:** Acute Health Fire Hazard

**SARA 313 This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under the SARA Section 313 (40 CFR 372):** None.

**California Proposition 65:** This product does not contain chemicals listed per the Safe Drinking Water and Toxic Enforcement Act of 1986.

#### International Regulations

**Canadian WHMIS Classification:** Class D-2-B Class B-2

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

### 16. OTHER INFORMATION

**Date Prepared:** 7/8/2014

**GHS Classification Hazard Statements seen in Section 3 for Reference:**  
Flamm.Liq 2;H225 = Flammable Liquid Category 2. H225. Highly flammable liquid and vapor.

Eye Irrit. 2;H319 = Eye Damage/Irritation Category 2A H319. Causes serious eye irritation.

STOT SE 3;H335 = Specific Target Organ Toxicity - Single Exposure Category 3 H336 May cause drowsiness and dizziness.



## SAFETY DATA SHEET

KIMTECH PURE\* CL4 Pre-Sat Wipers - 70% Isopropyl Alcohol; KIMTECH PURE\* W4 Pre-Saturated Sterile Wipers - 70% Isopropyl Alcohol

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**HMIS Rating:** Health 2 Fire 3 Reactivity 0

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