

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING**

**Product Name:** KIMTECH PURE\* CL4 Pre-Saturated Alcohol Wipers, Containing 70% IPA; KIMTECH PURE\* CL4 Sterile Pre-Saturated Alcohol Wipers, Containing 70% IPA

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

Date Prepared:	10/20/2008
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.

Clear liquid with an alcohol odor on a polypropylene towel.

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

<i>Chemical Name</i>	<i>CAS-No./ EINECS-No</i>	<i>%</i>	<i>EU Classification (67/548/EEC):</i>
Isopropanol (Isopropyl alcohol)	67-63-0 / 200-661-7	70%(solution)	F, Xi R11, R36, R67
Polypropylene	9003-07-0	(non-woven fabric)	Not applicable

See Section 16 for further information on EU Classification.

**3. HAZARDS IDENTIFICATION**

**Emergency Overview:** Flammable liquid. 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. Keep away from heat and sources of ignition.

**EU Classification (1999/45/EC):** F - Highly flammable Xi - Irritant R11, R36, R67

**US OSHA Classification (29CFR1910.1200):** Flammable liquid. Eye Irritant.

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

#### 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. 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.

#### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:** Water, water fog, foam, carbon dioxide, dry chemical.

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus and protective suit.

**Unusual Fire and Explosion Hazards:** 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.

#### 6. ACCIDENTAL RELEASE MEASURES

Remove all sources of ignition. Ventilate the area. Pick up and place in a suitable container for use or disposal. Comply with all federal, state and local regulations.

#### 7. HANDLING AND STORAGE

Avoid contact with eyes. Avoid breathing vapors or mists. When using do not smoke.

Store in a cool, dry, well ventilated area.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	Exposure limit(s)
Isopropanol (Isopropyl alcohol)	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
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**Ventilation:** Ensure adequate ventilation to maintain airborne concentrations below applicable occupational exposure limits.

**Respiratory Protection:** No personal respiratory protective equipment normally required.

**Hand Protection:** None required for normal use.

**Skin Protection:** 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.
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 (Isopropyl alcohol))
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
Percent Volatile by Volume (%)	80%
Volatile Organic Carbon Compounds (VOC) (g/L)	485
Flashpoint:	44°F (6.7°C)
Flammable Limits in Air % by Volume:	LEL (Lower):2.0% UEL (Upper): 12.7%

## 10. STABILITY AND REACTIVITY

**Stability:** Stable

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

**Materials to avoid:** Strong oxidizing agents.

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

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**Hazardous Polymerization:** Does not occur.

## 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:** Contact with eyes may cause irritation.

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

**Chronic toxicity:** None currently known.

**Medical Conditions Aggravated by Exposure:** Pre-existing skin and lung diseases.

**Carcinogenicity Data:** None of the components of this product is listed as a carcinogen by IARC, NTP, US OSHA or the European Directive (67/548/EEC).

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

**Acute Toxicity Values:** 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

No data is currently available.

## 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 173.151(c) 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

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

This product does not contain marine pollutants.

## 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.


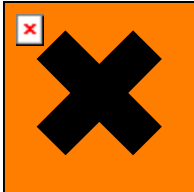
**SARA 311/312 Hazard Categories:** Fire Hazard Acute Health

**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

#### EU Labeling:

	F - Highly flammable		Xi - Irritant
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R11 - Highly flammable.

R36 - Irritating to eyes.

R67 - Vapours may cause drowsiness and dizziness.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S16 - Keep away from sources of ignition - No smoking.

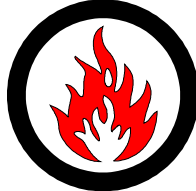
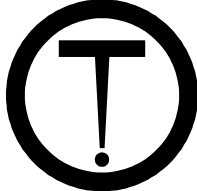
S51 - Use only in well ventilated areas.

S35 - This material and its container must be disposed of in a safe way.

**Canadian CEPA:** All of the components are either listed on or exempted from the Domestic Substances List (DSL).

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**Canadian WHMIS Classification:**

 Class B-2	 Class D-2-B
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**16. OTHER INFORMATION**

**HMIS Rating:** Health 1 Fire 3 Reactivity 0

**Revision Summary:** Revision to section(s) 3.

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

Xi - Irritant

F - Highly flammable

R11 - Highly flammable.

R36 - Irritating to eyes.

R67 - Vapours may cause drowsiness and dizziness.

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