

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING****Product Name:** KIMTECH SCIENCE\* KIMWIPES® Lens Cleaning Station Solution**Product Number:** 34622, 34623, 34644

Date Prepared:	8/18/2010
Manufacturer:	Kimberly-Clark Corporation 1400 Holcomb Bridge Road Roswell, GA 30076-2199 United States of America
Telephone: MEDICAL EMERGENCY TRANSPORTATION EMERGENCY INFORMATION	1-877-561-6587 Chemtrec 1-800-424-9300 1-888-346-4652

**Product Use:** Cleaning lenses and other equipment.For additional information contact: [kcinfo@kcc.com](mailto:kcinfo@kcc.com).**2. HAZARDS IDENTIFICATION**

Blue-green liquid. Alcohol odor.

**Emergency Overview:** Flammable liquid. May cause eye irritation. Keep away from heat and sources of ignition.**EU Classification (1999/45/EC):** R10 - Flammable.**US OSHA Classification (29CFR1910.1200):** Combustible liquid. Eye Irritant.**Canadian WHMIS Classification:** Class B-3 Class D-2-B**3. 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	5-10%	F, Xi R11, R36, R67
Non-Hazardous Ingredients	Proprietary	90-95%	Not applicable

See Section 16 for further information on EU Classification.

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

**Skin contact:** Wash off with soap and water. Obtain medical attention if irritation 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. Contain and collect with inert absorbent material and place in a suitable container for disposal. Comply with all federal, state and local regulations.

## 7. HANDLING AND STORAGE

Avoid contact with eyes. When using do not smoke. Keep away from heat, sparks, flames, hot surfaces and all other sources of ignition.

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

**Ventilation:** No special ventilation normally required.

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

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

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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance and Odor	Blue-green liquid.Alcohol odor.
Boiling point/range	212°F (100°C)
Melting point/range	Not applicable
Specific Gravity (water=1)	<1.0
Vapor pressure	33 mmHg@20°C(Isopropanol (Isopropyl alcohol))
Vapor density (air=1)	2.1
Solubility	Complete
pH	7.6
Partition coefficient (n-octanol/water):	Not available
Evaporation Rate (Butyl acetate=1)	Not available
Percent Volatile by Volume (%)	>99%
Volatile Organic Carbon Compounds (VOC) (g/L)	130
Flashpoint:	106°F (41°C)
Flammable Limits in Air % by Volume:	LEL (Lower):2.0%(Isopropanol (Isopropyl alcohol)) UEL (Upper): 12.7% ( Isopropanol (Isopropyl alcohol) )

**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.

**Hazardous Polymerization:** Does not occur.

**11. TOXICOLOGICAL INFORMATION****Symptoms/Effects of Overexposure:**

**Inhalation:** 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.

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**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:** Excepted from HazMat (49CFR173.150(e))

**IATA Shipping Description (Air):** Alcohols, n.o.s. (Isopropanol), 3, UN1987, III

**IMDG Shipping Description (Vessel):** Alcohols, n.o.s. (Isopropanol), 3, UN1987, III

## 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.


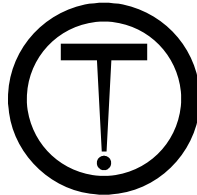
### International Regulations

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

**Canadian WHMIS Classification:**

 Class B-3	 Class D-2-B
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**EU Labeling:** R10 - Flammable.

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

S51 - Use only in well ventilated areas.

S60 - This material and/or its container must be disposed of as hazardous waste.

<b>16. OTHER INFORMATION</b>
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**HMIS Rating:** Health 1 Fire 2 Reactivity 0

**Revision Summary:** Revision to section(s) 2, 3, 5, 9.

**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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