

KCC 34644



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

Product Name: KIMTECH SCIENCE* KIMWIPES® Ex-L Lens Cleaning Station Solution

Product Number: 34622, 34623, 34644

Date Prepared:	12/9/2004
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.

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 / 200-061-7	5-10%	F, Xi R11, R36, R67
Non-Hazardous Ingredients	Proprietary	90-95%	Not applicable

See Section 16 for further information on EU Classification.

3. HAZARDS IDENTIFICATION

Emergency Overview: Clear, colorless liquid. Alcohol odor. 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

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

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))

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.

Store in a cool, dry, well ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	Exposure limit(s)
Isopropanol (Isopropyl alcohol)	400 ppm PEL-TWA 200 ppm TLV-TWA, 400 ppm TLV-STEL 200 ppm DFG MAK

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	Clear, colorless 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

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.

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 (67/48/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


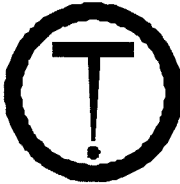
SARA 313 This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under the SARA Section 313 (40 CFR 372): None.

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

International Regulations

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.

16. OTHER INFORMATION

HMIS Rating: Health 1 Fire 2 Reactivity 0

Revision Summary: Revision to section(s) 15.

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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