



SAFETY DATA SHEET
KIMCARE® Moisturizing Instant Hand Sanitizer 62% Alcohol; Kimberly-Clark® Professional Moisturizing Instant Hand Sanitizer

*Kimcare
Moisturizing
Instant
Hand
Sanitizer*

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

Product Name: KIMCARE® Moisturizing Instant Hand Sanitizer 62% Alcohol; Kimberly-Clark® Professional Moisturizing Instant Hand Sanitizer

Product Number: 91562, 92562, 93044, 93047, 93050, 93053, 93056, 95151, 95251

Date Prepared:	11/19/2007
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: Skin/personal cleansing

For additional information contact kepinfo@kcc.com.

2. HAZARDS IDENTIFICATION

Emergency Overview: Opaque white gel with a fruity odor. Flammable. Flashpoint: 70°F (21°C). Avoid sparks, flame and excessive heat. May cause eye irritation. Prolonged skin contact may cause mild irritation in sensitive individuals. This product is intended for use as a hand cleanser and is expected to contact the skin.

EU Classification (1999/45/EC): R10 - Flammable.

Medicinal and cosmetic products in the finished form, intended for the final user are not subject the Directive relating to the classification, packaging and labelling of dangerous preparations (1999/45/EC).

US OSHA Classification (29CFR1910.1200): Eye Irritant. Target Organ Effects Flammable liquid.

Canadian WHMIS Classification: Drugs and cosmetics are not subject to the Hazardous Products Act (WHMIS).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No/ EINECS-No	%	EU Classification (67/548/EEC):
Ethanol	64-17-5/200-578-6	62%	R11
Other Ingredients	Proprietary	38%	Not applicable

See Section 16 for further information on EU Classification.

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4. FIRST AID MEASURES

Inhalation: Move to fresh air. Obtain medical attention if irritation persists.

Skin contact: Wash off excess with water. Seek medical advice if redness, swelling, itching or burning occurs.

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. Never give anything by mouth to a person who is unconscious or drowsy. Drink 1 or 2 glasses of water.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Dry chemical, carbon dioxide or alcohol-resistant foam.

Special Fire Fighting Procedures: Water may be ineffective. Water may be used to keep exposed containers cool. Wear self-contained breathing apparatus and protective suit.

Unusual Fire and Explosion Hazards: Flammable liquid. Moderate explosion hazard when exposed to ignition source.

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 sparks, flame and excessive heat.

Recommended storage temperature 40°F - 100°F (5°C - 37°C).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	Exposure limit(s)
Ethanol	1000 ppm PEL-TWA 1000 ppm TLV-TWA 500 ppm TWA DFG MAK 1000 ppm TWA UK 8 hr.

Ventilation: Local exhaust ventilation recommended at points of emission to reduce exposure to fumes and vapors during processing. Ensure adequate ventilation to maintain airborne concentrations below applicable occupational exposure limits.



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Respiratory Protection: No personal respiratory protective equipment normally required. If the exposure limit is exceeded or for symptoms of overexposure, wear an appropriate NIOSH (or local authority) certified respirator.

Protective Gloves: Not required. This product is intended for use as a hand cleanser and is expected to contact the skin.

Eye Protection: None required for normal use.

For bulk processing, regular hand washing along with general body-covering clothing, safety goggles and gloves are recommended as good industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor	Opaque white gel with a fruity odor.
Boiling point/range	173°F (78.3°C)
Melting point/range	-173°F (-114.1°C)
Specific Gravity (water=1)	0.89-0.91
Vapor pressure	45 mm Hg
Vapor density (air=1)	1.6
Solubility	Complete
pH	7.0
Partition coefficient (n-octanol/water):	Not available
Evaporation Rate (Butyl acetate=1)	>1
Percent Volatile by Volume (%)	>50%
Volatile Organic Carbon Compounds (VOC) (g/L)	>450 g/L
Flashpoint:	70°F (21°C) closed cup
Flammable Limits in Air % by Volume:	LEL (Lower): 3.3% UEL (Upper): 19%

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.



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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 mild irritation in sensitive individuals. Patch testing does not indicate a potential for sensitization in humans. Not expected to be absorbed through the skin.

Eye contact: Contact with eyes may cause irritation.

Ingestion: May cause mucous membrane and gastrointestinal irritation and other adverse effects. May cause nausea, vomiting, diarrhea, dizziness, drowsiness and other symptoms of central nervous system depression.

Chronic toxicity: Prolonged skin contact may cause mild irritation in sensitive individuals.

Medical Conditions Aggravated by Exposure: None currently known. May possibly aggravate dermatitis, psoriasis and other skin conditions.

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: Ethanol has been found to cause adverse reproductive effects in laboratory animals. Ethanol is known to cause fetal alcohol syndrome when orally ingested by pregnant humans.

Acute Toxicity Values: Ethanol: LD50 oral rat: 7060 mg/kg; Inhalation LC50 (rat, 10 hr): 20,000 ppm; Eye irritation, Draize Test (rabbit): Severe (500 mg/24 hr)

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: UN1170, Ethanol Solution, 3, II

A limited quantity may be renamed "consumer commodity" and reclassified as ORM-D. Please consult 49CFR 173.150(c) for additional information.

IATA Shipping Description (Air): UN1170, Ethanol Solution, 3, II

IMDG Shipping Description (Vessel): UN1170, Ethanol Solution, 3, II

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

Drug Identification Number (DIN): 02243378

Canadian WHMIS Classification: Drugs and cosmetics are not subject to the Hazardous Products Act (WHMIS).

EU Labeling: Medicinal and cosmetic products in the finished form, intended for the final user are not subject the Directive relating to the classification, packaging and labelling of dangerous preparations (1999/45/EC).

16. OTHER INFORMATION

HMIS Rating: Health 1 Fire 3 Reactivity 0

Revision Summary: Revision to section(s) 1.

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

R11 - Highly flammable.

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