

**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:** 93044, 93047, 93050, 93053, 93056, 95151, 95251

Date Prepared:	7/20/2004
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:** Skin/personal cleansing

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

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

See Section 16 for further information on EU Classification.

**3. 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).

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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**

**Flashpoint:** 70°F (21°C) closed cup

**Flammable Limits in Air % by Volume:**

**LEL (Lower):** 3.3%

**UEL (Upper):** 19%

**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

**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.

**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

**10. STABILITY AND REACTIVITY**

**Stability:** Stable

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

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**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 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 (67/48/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:** Ethanol Solution, 3, UN1170, II

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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):** Ethanol Solution, 3, UN1170, II

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

## 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

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

R11 - Highly flammable.

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