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

**Product Name:** KIMCARE\* Moisturizing Instant Hand Sanitizer (New Formula)

**Product Number:** 91562, 91600, 93044, 93047, 93050, 93056

Date Prepared:	7/14/2009
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](mailto:kepinfo@kcc.com).

**2. HAZARDS IDENTIFICATION**

Opaque white gel with a fruity odor.

**Emergency Overview:** 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.

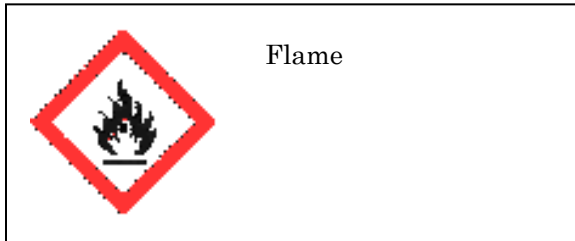
**EU Classification (1999/45/EC):** R10 - Flammable.

Medicinal and cosmetic products in the finished form, intended for the final user are not subject to 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).

**GHS Classification:** Flammable Liquid Category 2. Eye Corrosion/Irritation Category 2B.

**GHS Labeling:**


DANGER

H225. Highly flammable liquid and vapor.

H320. Causes eye irritation.

<b>3. COMPOSITION/INFORMATION ON INGREDIENTS</b>
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<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.

<b>4. FIRST AID MEASURES</b>
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**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.

<b>5. FIRE-FIGHTING MEASURES</b>
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**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.

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**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-STEL 500 ppm TWA DFG MAK 1000 ppm TWA UK 8 hr.

**Ventilation:** None required for normal use. 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
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.

## 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).

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**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

## 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).

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

<b>16. OTHER INFORMATION</b>
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**Revision Summary:** Revision to section(s) 2, 16.

**HMIS Rating:** Health 1 Fire 3 Physical Hazard 0

**NFPA Rating:** Health 1 Fire 3 Instability 0

0 = Minimal Hazard, 1 = Slight Hazard, 2 = Moderate Hazard, 3 = Serious Hazard, 4 = Severe Hazard

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

R11 - Highly flammable.

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