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

**Product Name:** KLEENEX® Moisturizing Instant Hand Sanitizer, KIMCARE* Moisturizing Instant Hand Sanitizer

**Product Number:** 31294, 33936, 33958, 33976, 34022, 34023, 35793, 35804, 35811, 91562, 91600, 93047, 93050, 93056

**Date Prepared:** 9/15/2012

**Manufacturer:** Kimberly-Clark Corporation
1400 Holcomb Bridge Road
Roswell, GA 30076-2199
United States of America

**Telephone:**
MEDICAL EMERGENCY
1-877-561-6587

TRANSPORTATION EMERGENCY
Chemtrec 1-800-424-9300
1-888-346-4652

**Product Use:** Skin/personal cleansing

For additional information contact: kcpinfo@kcc.com.

2. HAZARDS IDENTIFICATION

Opaque white gel with a fruity odor.

**Emergency Overview:** Flammable. Flashpoint: 68°F (20°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).


**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.
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P370+P378 In case of fire: Use water, carbon dioxide, dry chemical or alcohol foam for extinction.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with all local and national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No./ EINECS-No.</th>
<th>%</th>
<th>EU Classification (67/548/EEC):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol (ethyl alcohol)</td>
<td>64-17-5/200-578-6</td>
<td>62%</td>
<td>R11</td>
</tr>
<tr>
<td>Other Ingredients</td>
<td>Proprietary</td>
<td>38%</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

See Section 16 for further information on EU Classification.

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 40ºF - 100ºF (5ºC - 37ºC).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Exposure limit(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol (ethyl alcohol)</td>
<td>1000 ppm PEL-TWA</td>
</tr>
<tr>
<td></td>
<td>1000 ppm TLV-STEL</td>
</tr>
<tr>
<td></td>
<td>500 ppm TWA DFG MAK</td>
</tr>
<tr>
<td></td>
<td>1000 ppm TWA UK 8 hr.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance and Odor</td>
<td>Opaque white gel with a fruity odor.</td>
</tr>
<tr>
<td>Boiling point/range</td>
<td>173°F (78.3°C)</td>
</tr>
<tr>
<td>Melting point/range</td>
<td>-173°F (-114.1°C)</td>
</tr>
<tr>
<td>Specific Gravity (water=1)</td>
<td>0.89-0.91</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>45 mm Hg</td>
</tr>
<tr>
<td>Vapor density (air=1)</td>
<td>1.6</td>
</tr>
<tr>
<td>Solubility</td>
<td>Complete</td>
</tr>
<tr>
<td>pH</td>
<td>7.0</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water):</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl acetate=1)</td>
<td>&gt;1</td>
</tr>
<tr>
<td>Percent Volatile by Volume (%)</td>
<td>&gt;50%</td>
</tr>
<tr>
<td>Volatile Organic Carbon Compounds (VOC) (g/L)</td>
<td>&gt;450 g/L</td>
</tr>
<tr>
<td>Flashpoint</td>
<td>68°F (20°C)closed cup</td>
</tr>
</tbody>
</table>
| 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 EU CLP Annex VI.

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 reclassed 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).

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).

16. OTHER INFORMATION

Revision Summary: Revision to section(s) 9.

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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