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

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

**Product Number:** 31294, 33958, 33976, 34022

|                                                                            |                                                                                                              |
|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Date Prepared:                                                             | 1/10/2012                                                                                                    |
| Manufacturer:                                                              | Kimberly-Clark Corporation<br>1400 Holcomb Bridge Road<br>Roswell, GA 30076-2199<br>United States of America |
| Telephone:<br>MEDICAL EMERGENCY<br>TRANSPORTATION EMERGENCY<br>INFORMATION | 1-877-561-6587<br>Chemtrec 1-800-424-9300<br>1-888-346-4652                                                  |

**Product Use:** Skin/personal cleansing

For additional information contact: [kcinfo@kcc.com](mailto:kcinfo@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.

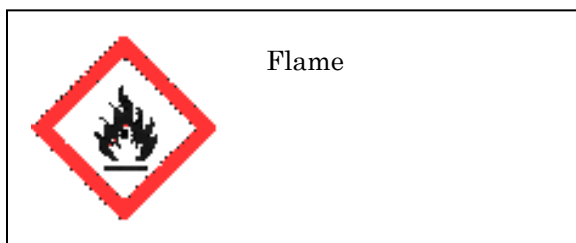
Medicinal and cosmetic products in the finished form, intended for the final user are not subject to the Directive relating to the classification, packaging and labelling of dangerous preparations (1999/45/EC).

**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.

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**GHS Labeling:****DANGER**

H225. Highly flammable liquid and vapor.

H320. Causes eye irritation.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

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

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 40°F - 100°F (5°C - 37°C).

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Chemical Name           | Exposure limit(s)                                                                     |
|-------------------------|---------------------------------------------------------------------------------------|
| Ethanol (ethyl alcohol) | 1000 ppm PEL-TWA<br>1000 ppm TLV-STEL<br>500 ppm TWA DFG MAK<br>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%<br>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.

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**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

## 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

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**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).

|                              |
|------------------------------|
| <b>16. OTHER INFORMATION</b> |
|------------------------------|

**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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