

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING****Product Name:** KLEENEX* Luxury Foam Moisturing Instant Hand Sanitizer**Product Number:** 91590

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| Date Prepared: | 10/19/2009 |
| Manufacturer: | Kimberly-Clark Corporation 1400 Holcomb Bridge Road Roswell, GA 30076-2199 United States of America Kimberly-Clark Europe 40 London Road Reigate, Surrey RH2 9QP England, U.K. |
| Telephone: MEDICAL EMERGENCY TRANSPORTATION EMERGENCY INFORMATION | United States 1-877-561-6587 Chemtrec 1-800-424-9300 1-888-346-4652 Europe Tel: +44 1737 736000 Fax: +44 1737 736670 |

Product Use: Skin/personal cleansing

Clear, colorless liquid. Pleasant odor.

2. HAZARDS IDENTIFICATION**Emergency Overview:** Flammable liquid. May cause eye irritation. Prolonged skin contact may cause mild irritation in sensitive individuals. Excessive 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. Keep away from heat and sources of ignition.**EU Classification (1999/45/EC):** F - Highly flammable R11**US OSHA Classification (29CFR1910.1200):** Flammable liquid. Eye Irritant.**Canadian WHMIS Classification:** Class B-2 Class D-2-B

**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 | 64-17-5 / 200-578-6 | 62% | F, R11 |
| Water | 7732-18-5 / 231-791-2 | 40-50% | Not applicable |

See Section 16 for further information on EU Classification.

4. FIRST AID MEASURES

Inhalation: Move to fresh air. Seek medical advice if cough, shortness of breath or other respiratory problems occur.

Skin contact: No first aid should be needed. Discontinue use and obtain medical attention if irritation develops and persists.

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. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Water, water fog, foam, carbon dioxide, dry chemical.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective suit.

Unusual Fire and Explosion Hazards: Flammable liquid. Vapors are heavier than air and may flow along surfaces to remote ignition sources and flash back.

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 contact with eyes. Avoid breathing vapors or mists. When using do not smoke.

Store in a cool, dry, well ventilated area.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

| Chemical Name | Exposure limit(s) |
|---------------|---|
| Ethanol | United States: 1000 ppm OSHA PEL-TWA; 1000 ppm TLV-TWA Austria: 1000 ppm TWA, 2000 ppm peak Belgium: 1000 ppm TWA Denmark: 1000 ppm TWA, 1596 ppm STEL Finland: 1000 ppm 8 h, 1300 ppm 15 min. France: 1000 ppm VME, 5000 ppm VLE Germany: 500 ppm 8 hr, 1000 ppm 15 min. Netherlands: 500 ppm TWA Spain: 1000 ppm 8 hr, 4000 ppm 15 min. Sweden: 500 ppm TWA, 1000 ppm 15 min. United Kingdom: 1000 ppm 8 hr TWA |

Ventilation: Ensure adequate ventilation to maintain airborne concentrations below applicable occupational exposure limits.

Respiratory Protection: No personal respiratory protective equipment normally required.

Hand Protection: None required for normal use.

Skin Protection: None required for normal use.

Eye Protection: Wear safety goggles if eye contact is possible.

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance and Odor | Clear, colorless liquid. Pleasant odor. |
| Boiling point/range | 80°C |
| Melting point/range | Not available |
| Specific Gravity (water=1) | Not available |
| Vapor pressure | 45 mmHg@20°C(Ethanol) |
| Vapor density (air=1) | 1.6 |
| Solubility | Complete |
| pH | 5.5-7.5 |
| Partition coefficient (n-octanol/water): | Not available |
| Evaporation Rate (Butyl acetate=1) | Not available |
| Percent Volatile by Volume (%) | >90% |
| Volatile Organic Carbon Compounds (VOC) (g/L) | >450 |
| Flashpoint: | 17°C (closed cup) |



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| Flammable Limits in Air % by Volume: | LEL (Lower): 2.0% UEL (Upper): 12.7% |
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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: Excessive 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. 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 173.151(c) for additional information.

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

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

ADR Shipping Description: UN1170, Ethanol Solution, 3, II

This product does not contain marine pollutants.

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: Fire Hazard Acute Health

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

EU Labeling:



R11 - Highly flammable.

S16 - Keep away from sources of ignition - No smoking.



S51 - Use only in well ventilated areas.

WGK No: 1

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

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

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| 16. OTHER INFORMATION |
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HMIS Rating: Health 1 Fire 3 Reactivity 0

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

Revision Summary: Revision to section(s) 3.

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

F - Highly flammable

R11 - Highly flammable.

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