



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

**Product Name:** KLEENEX® Alcohol Free Foam Hand Sanitizer; KLEENEX® Luxury Foam Alcohol Free Hand Sanitizer

**Product Number:** 12977, 12979, 34109, 34110, 34111, 34112, 34135, 34136, 35447, 35465, 35833, 35880

Date Prepared:	5/26/2012
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  For additional information contact: kcpinfo@kcc.com.

**Product Use:** Hand Sanitizer

**2. HAZARDS IDENTIFICATION**

Light amber liquid. Odorless or pleasant fragrance.

**Emergency Overview:** May cause eye irritation. This product is intended for use as a hand cleanser and is expected to contact the skin. No unusual hazards expected.

**EU Classification (1999/45/EC):** Not classified as a dangerous substance or preparation.

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.

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

**GHS Classification:** Not Hazardous

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<i>Chemical Name</i>	<i>CAS-No./ EINECS-No</i>	<i>%</i>	<i>EU Classification (67/548/EEC):</i>
Benzalkonium Chloride	8001-54-5 / 263-080-8	0.1%	C, N, Xn R20/22, R34, R50
Non-Hazardous Ingredients	Mixture	Balance	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:** Wash off excess with water. This product is intended for use on the skin. 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. Do not induce vomiting. 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:** Not required.

**Unusual Fire and Explosion Hazards:** None.

**Hazardous Combustion Products:** Carbon monoxide, carbon dioxide. Chlorine.

### 6. ACCIDENTAL RELEASE MEASURES

Contain and collect with inert absorbent material and place in a suitable container for disposal. If large amounts are spilled, surfaces may become slippery and present a slip hazard. Clean spill area thoroughly. Prevent release to the environment. Comply with all federal, state and local regulations.

### 7. HANDLING AND STORAGE

Avoid contact with eyes. Avoid freezing or excessive heat.

Recommended storage temperature 40°F - 100°F (5°C - 37°C).



<b>8. EXPOSURE CONTROLS / PERSONAL PROTECTION</b>
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**Exposure limit(s)**

Chemical Name	Exposure limit(s)
Benzalkonium Chloride	None established

**Ventilation:** No special ventilation normally required. Local exhaust ventilation recommended at points of emission to reduce exposure to fumes and vapors during processing.

**Respiratory Protection:** No personal respiratory protective equipment normally required.

**Protective Gloves:** Not required. This product is intended to come in contact with 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.

<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>
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Appearance and Odor	Light amber liquid. Odorless or pleasant fragrance.
Boiling point/range	~212°F (100°C)
Melting point/range	~32°F (0°C)
Specific Gravity (water=1)	1.0 +/-0.02
Vapor pressure	Same as water.
Vapor density (air=1)	Same as water.
Solubility	Complete
pH	4.5-6.5
Partition coefficient (n-octanol/water):	Not available
Evaporation Rate (Butyl acetate=1)	<1
Percent Volatile by Volume (%)	>80%
Volatile Organic Carbon Compounds (VOC) (g/L)	Not available
Flashpoint:	The product is not flammable.
Flammable Limits in Air % by Volume:	LEL (Lower): Not applicable UEL (Upper): Not applicable



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**10. STABILITY AND REACTIVITY**

**Stability:** Stable

**Conditions to Avoid:** None currently known.

**Materials to avoid:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide. Chlorine.

**Hazardous Polymerization:** Does not occur.

**11. TOXICOLOGICAL INFORMATION****Symptoms/Effects of Overexposure:**

**Inhalation:** Inhalation of vapors or mists may cause mucous membrane and respiratory irritation.

**Skin contact:** Prolonged skin contact may cause mild irritation in sensitive individuals. Not expected to be a sensitizer.

**Eye contact:** May cause eye irritation.

**Ingestion:** Swallowing large amounts may cause gastrointestinal disturbances.

**Chronic toxicity:** None currently known.

**Medical Conditions Aggravated by Exposure:** None currently known.

**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:** None currently known.

**Acute Toxicity Values:** Benzalkonium Chloride: LD50 oral rat 240 mg/kg

**12. ECOLOGICAL INFORMATION**

Benzalkonium chloride is classified as very toxic to aquatic organisms.

**13. DISPOSAL CONSIDERATIONS**

Dispose in accordance with all state, local and federal regulations.

**14. TRANSPORT INFORMATION**

**US DOT Shipping Description:** Not regulated

**IATA Shipping Description (Air):** Not regulated

**IMDG Shipping Description (Vessel):** Not regulated

**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

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

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

**EU Labeling:** None.

**16. OTHER INFORMATION**

**HMIS Rating:** Health 1 Fire 0 Reactivity 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):**

C - Corrosive

Xn - Harmful

N - Dangerous for the environment

R20/22 - Harmful by inhalation and if swallowed.

R34 - Causes burns.

R50 - Very toxic to aquatic organisms.

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