

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING****Product Name:** KLEENEX® Luxury Foam Instant Hand Sanitiser**Product Number:** 12560, 6343000, 91560, 91590

Date Prepared/Reviewed:	March 2015
Manufacturer:	<u>Australia:</u> Kimberly-Clark Australia Pty. Limited 52 Alfred St., Milsons Point, NSW 2061 Telephone 02 9963 8888 Contact: Washroom Segment Manager  Kimberly-Clark New Zealand, 86 Plunket Avenue, Manukau 2104, Auckland Tel: 0800 447 814  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	Australia Emergency telephone: 1800 647 994 or Poisons Information Centre 131126  New Zealand Tel: Ph. 0800 447 814  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

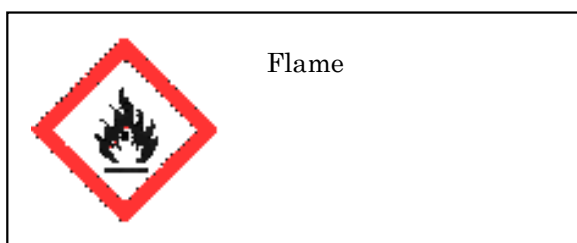
Clear, colorless liquid. Pleasant odor.

## 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.

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

**GHS Labeling:**



DANGER

H225. Highly flammable liquid and vapor.

H320. Causes eye irritation.

**Australia (NOHSC:1008 (2004) and ADG Code):** Hazardous Substance; Dangerous Goods

**New Zealand (HSNO):** Hazardous Substance; Dangerous Goods

**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.

**Skin 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

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)
Flammable Limits in Air % by Volume:	LEL (Lower): 2.0% UEL (Upper): 12.7%

## 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:**

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**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.

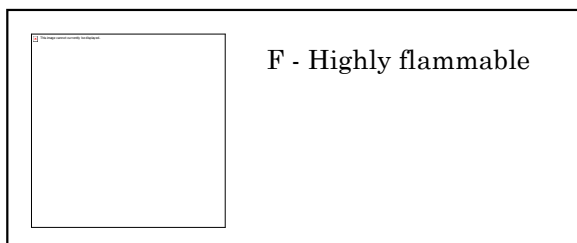
## 15. REGULATORY INFORMATION

### International Regulations

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**Australia:** Hazardous Substance; Dangerous Goods; Not Scheduled in the SUSMP;  
All chemical ingredients are included in the AICS.

**New Zealand:** Hazardous; Dangerous Goods; Cosmetic Products Group Standard 2006 (HSR002552), All chemical ingredients are included in the NZIoC.

**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).

**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.

**16. OTHER INFORMATION**

**Revision Summary:** Revision to section(s) 2.

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

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**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):**

F - Highly flammable

R11 - Highly flammable.

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