

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

Product Name: FOAM CARE® Skin Care Product 4% CHG Surgical Hand Scrub; HEX-A-CLENS® Skin Care Product 4% CHG Antimicrobial Skin Cleanser

Product Number: 403, 4034, 460, E0004

Date Prepared:	12/9/2004
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

Product Use: Surgical hand scrub, healthcare personnel handwash, skin wound and skin general cleanser, pre-operative skin preparation.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No./ EINECS-No	%	EU Classification (67/548/EEC):
Isopropanol (Isopropyl alcohol)	67-63-0 / 200-061-7	4%	F, Xi R11, R36, R67
Chlorhexidine gluconate	18472-51-0 / 242-354-0	4%	Xn R22, R37/38, R41
Non-Hazardous Ingredients	Proprietary	92%	Not applicable

See Section 16 for further information on EU Classification.

3. HAZARDS IDENTIFICATION

Emergency Overview: Clear, colorless liquid. Alcohol odor. Flammable liquid. Liquid causes severe inflammation of conjunctiva and may cause severe damage of the cornea. May cause hearing loss if introduced into the middle ear. Do not use around the eyes, ears or genital/perineal area. Prolonged contact may cause skin irritation, sensitization, photosensitivity or contact dermatitis in sensitive individuals. Keep away from heat and sources of ignition.

EU Classification (1999/45/EC): R10 - Flammable. Xi - Irritant Medicinal and cosmetic products in the finished form, intended for the final user are not subject the Directive relating to the classification, packaging and labelling of dangerous preparations (1999/45/EC).

US OSHA Classification (29CFR1910.1200): Combustible liquid. Eye Irritant.

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

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 immediate medical attention.

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

Flashpoint: 125°F (52°C)

Flammable Limits in Air % by Volume:

LEL (Lower): 2.0% (Isopropanol (Isopropyl alcohol))

UEL (Upper): 12.7% (Isopropanol (Isopropyl alcohol))

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. Hydrogen chloride, chlorine compounds.

6. ACCIDENTAL RELEASE MEASURES

Remove all sources of ignition. Ventilate the area. Clean up excess material and place in container for reclaim, recycle or disposal. Comply with all federal, state and local regulations.

7. HANDLING AND STORAGE

Avoid contact with eyes. Avoid prolonged contact with skin. Do not use around the eyes, ears or genital/perineal area. When using do not smoke.

Avoid temperatures above 104°F (40°C). Do not freeze.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	Exposure limit(s)
Isopropanol (Isopropyl alcohol)	400 ppm PEL-TWA 200 ppm TLV-TWA, 400 ppm TLV-STEL 200 ppm DFG MAK
Chlorhexidine gluconate	None established

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

Respiratory Protection: No personal respiratory protective equipment normally required.

Protective Gloves: None required for normal use.

Eye Protection: Safety glasses or goggles recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor	Clear, colorless liquid. Alcohol odor.
Boiling point/range	200°F (93°C)
Melting point/range	Not applicable
Specific Gravity (water=1)	1.01
Vapor pressure	33 mmHg@20°C(Isopropanol (Isopropyl alcohol))
Vapor density (air=1)	2.1
Solubility	Complete
pH	Not available
Partition coefficient (n-octanol/water):	Not available
Evaporation Rate (Butyl acetate=1)	Not available
Percent Volatile by Volume (%)	Not available
Volatile Organic Carbon Compounds (VOC) (g/L)	Not available

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Avoid sparks, flame and excessive heat.

Materials to avoid: Anionic detergents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide. Hydrogen chloride, chlorine compounds.

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 contact may cause skin irritation, sensitization, photosensitivity or contact dermatitis in sensitive individuals.

Eye contact: Liquid causes severe inflammation of conjunctiva and may cause severe damage of the cornea.

Ingestion: May cause mucous membrane and gastrointestinal irritation and other adverse effects.

Chronic toxicity: May cause hearing loss if introduced into the middle ear.

Medical Conditions Aggravated by Exposure: Pre-existing skin and lung diseases.

Carcinogenicity Data: None of the components of this product is listed as a carcinogen by IARC, NTP, US OSHA or the European Directive (67/48/EEC).

Reproductive Toxicity: No adverse effects on reproduction are known.

Acute Toxicity Values: Product estimated oral toxicity = >2000 mg/kg

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: Excepted from HazMat (49CFR173.150(e))

IATA Shipping Description (Air): Alcohols, n.o.s. (Isopropanol), 3, UN1987, III

IMDG Shipping Description (Vessel): Alcohols, n.o.s. (Isopropanol), 3, UN1987, III

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

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 the Directive relating to the classification, packaging and labelling of dangerous preparations (1999/45/EC).

16. OTHER INFORMATION

HMIS Rating: Health 2 Fire 2 Reactivity 0

Revision Summary: Revision to section(s) 15.

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

Xi - Irritant

Xn - Harmful

F - Highly flammable

R11 - Highly flammable.

R22 - Harmful if swallowed.

R36 - Irritating to eyes.

R37/38 - Irritating to respiratory system and skin.

R41 - Risk of serious damage to eyes.

R67 - Vapours may cause drowsiness and dizziness.

The information contained herein is true and correct to the best of Kimberly-Clark's knowledge. However, no warranty, express or implied, is made. Nothing herein should be interpreted as a recommendation to infringe existing patents or violate any laws or regulations. Final determination of the suitability of the material is the sole responsibility of the user.