

Ballard

HEX-A-CLENS* 4% CHG ANTIMICROBIAL SKIN CLEANSER

Kimberly-Clark Corporation

1. Chemical Product and Company Identification

PRODUCT NAME(s): FOAM CARE* Skin Care Product HEX-A-CLENS*
 Skin Care Product 4% CHG Antimicrobial Skin Cleanser
 MANUFACTURER: Ballard Medical Products
 A division of Kimberly-Clark Corporation
 12050 Lone Peak Parkway
 Draper, Utah 84020
 United States of America
 INTERNAL NUMBER: C1999-3628, C2000-0707
 CATALOG No.: 403, 4034, 460
 PRODUCT No.: E0004
 CHEMICAL FORMULA: Mixture
 SYNONYMS/Common Names: Surgical hand scrub
 PRODUCT USE: Surgical hand scrub, healthcare personnel
 handwash, skin wound and skin general cleanser, pre-
 operative skin preparation
 ISSUE DATE: 30 Jun 00
 REPLACES: 19 Mar 98 Ballard
 MEDICAL EMERGENCY: 1-877-854-3281
 TRANSPORTATION EMERGENCY: Chemtrec 1-800-424-9300
 INFORMATION: 1-800-KC-HELPS (1-800-524-3577)

2. Composition/Information on Ingredients

Component Name	CAS Number	% by wt	OSHA PEL	ACGIH TLV (1999)
Isopropanol	67-63-0	4	400 ppm, TWA	400 ppm, TWA 500 ppm, STEL
Chlorhexidine Gluconate	18472-51-0	4	none	none
Non-Hazardous Ingredients	proprietary	92	none	none

3. Hazards Identification

Emergency Overview: Yellow-amber liquid with faint alcohol odor. Contact with cornea may cause serious and/or permanent eye injury. May cause hearing loss if allowed into the middle ear. Do not use around eyes, ears, or genital/perineal area. Prolonged contact may cause skin irritation, sensitization, photosensitivity or contact dermatitis in sensitive individuals. This product is a surgical hand scrub (cleanser) and is not intended for ingestion.

ACUTE: Contact with cornea may cause serious and/or permanent eye injury. May cause hearing loss if allowed into the middle ear. Do not use in or around ears especially in people with perforated eardrums. May cause skin irritation. Ingestion may cause irritation.

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

4. First Aid Measures

EYES: Flush eyes thoroughly with cool water for at least 15 minutes. Seek advice of medical personnel if redness, swelling, itching, burning or visual disturbances occur.

SKIN: Wash off excess with water. Seek advice of medical personnel if redness, swelling, itching, or burning occurs.

INHALATION: Remove to fresh air. Seek advice of medical personnel if cough, shortness of breath or other respiratory problems occur.

INGESTION: Contact Poison Control Center or medical personnel IMMEDIATELY. Give several glasses of water to drink. Never give anything by mouth to an unconscious person. Seek advice of medical personnel if gastrointestinal symptoms occur.

5. Fire Fighting Measures

FLASH POINT: 125 deg F (51.7 deg C).
 METHOD: TCC
 AUTOIGNITION TEMPERATURE: Not available
 FLAMMABLE LIMITS IN AIR, BY % VOLUME:
 UPPER: Not available
 LOWER: Not available
 EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, or alcohol-resistant foam
 SPECIAL FIRE FIGHTING PROCEDURES: None
 FIRE AND EXPLOSION HAZARD: None known.

6. Accidental Release Measures

Clean up excess material and place in container for reclaim, recycle or disposal. Flush area with water. Comply with all federal, state and local regulations.

7. Handling and Storage

Store in cool dry areas below 95 deg F (35 deg C).

8. Exposure Controls/Personal Protective Equipment

ENGINEERING CONTROLS: General room ventilation. Ensure that exposure limits (Section 2) are not exceeded.
 PERSONAL PROTECTIVE EQUIPMENT: None required. This product intended for repeated use for cleaning hands. Regular handwashing 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: Yellow-amber liquid with faint alcohol odor
 BOILING POINT: Greater than 200 deg F (93.3 deg C)
 SPECIFIC GRAVITY: 1.00 - 1.03 g/ml @ 77 deg F (25 deg C)
 SOLUBILITY IN WATER: Completely soluble
 VOLATILE (VOC) CONTENT: Approximately 86%
 pH: 5.0 ? 6.8

10. Stability and Reactivity

CHEMICAL STABILITY:
 STABLE: X
 UNSTABLE:
 HAZARDOUS POLYMERIZATION:
 OCCURS:
 WILL NOT OCCUR: X
 REACTS WITH: None known
 HAZARDOUS DECOMPOSITION PRODUCTS: None known, other than carbon monoxide and carbon dioxide.

11. Toxicological Information

Skin Irritation (rabbit) = Minimal irritation (essentially normal skin). No histopathological effects noted in other organs examined.
 Dosing: 3x/week-13 weeks.
 Reproduction/Teratogenicity (rats) = No teratogenic or reproductive effects seen
 Skin Painting (mouse) = No differences vs. control group.
 Dosing: 3x/week-79 weeks.
 Microbial Efficacy = Demonstrated effective killing times against gram-positive and gram-negative bacteria, viruses, yeasts and molds.
 21-day Cumulative Irritation (human volunteers) = low potential; not an irritation hazard
 In-use Testing (human volunteers, glove juice test) = Effectively reduced the transient bacterial count (greater than 99.9%) without adverse effects to the skin.

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 12. Ecological Information

No data available.

 13. Disposal Considerations

Dispose of all waste materials in accordance with all applicable federal, state, and local regulations.

 14. Transport Information

DOT INFORMATION: Reclassified as a combustible liquid which is not regulated per DOT for non-bulk items, subject to limitations as per 49 CFR 173.150.

 15. Regulatory Information

FEDERAL:

All components are either listed on or exempted from TSCA.
 Contains the following substances reportable under SARA Title III: Isopropanol Cas # 67-63-0 4% (See Section 2)

STATE:

Isopropanol is listed on the following state Right-to-Know lists: Florida, Massachusetts, Minnesota, New Jersey, Pennsylvania, Rhode Island
 California Proposition 65: This product does not contain any component(s) listed per the Safe Drinking Water and Toxic Enforcement Act of 1986.

 16. Other Information

ACGIH = American Conference of Governmental Industrial Hygienists
 EPA = Environmental Protection Agency (US government)
 OSHA = Occupational Safety and Health Administration (US government)
 PEL = Permissible Exposure Limit (as prescribed by OSHA)
 RCRA = Resource Conservation and Recovery Act (US EPA)
 SARA = Superfund Amendment and Reauthorization Act, Title III (US EPA)
 STEL = Short-Term Exposure Limit (15 minutes)
 TLV = Threshold Limit Value (as prescribed by ACGIH)
 TSCA = Toxic Substances Control Act (US EPA)
 TWA = Time Weighted Average (8 hours)

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COMPAS Code: 19090120