

Material Safety Data Sheet



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Excele®

Antiseptic Skin Cleanser 4% Chlorhexidine Gluconate Solution

Product Number Prefix: EXC

ISSUE DATE: April 2011 (Supersedes: January 2009)

Certol International, LLC urges each recipient of the MSDS to read it carefully to understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology and fire prevention, as needed to understand the data in the MSDS.

To promote safe handling, each recipient of the MSDS should: (1) notify anyone using the material of the MSDS information regarding hazards or safety; (2) furnish the MSDS information to customers purchasing the product; and (3) request the customers furnish MSDS information to all users.

Emergency and First Aid Procedures

Swallowing: Rinse mouth and throat thoroughly with water. Drink large amounts of water. DO NOT induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Seek medical attention immediately.

Skin Contact: Wash skin with flowing water or shower.

Inhalation: Remove affected victim from exposure.

Eye/Ear Contact: Flush with water for 15 minutes.

1. Identification

Product Name: Excele® Antiseptic Skin Cleanser
Chemical Name: Chlorhexidine Gluconate Solution 4%

2. Hazards

PRINCIPAL HAZARDOUS COMPONENTS	CAS #
Isopropyl Alcohol	67-63-0
Chlorhexidine Gluconate	56-55-1
Para-Chloroaniline P.C.A.	

3. Physical Data

Appearance: Almost colorless or pale straw color

Odor: Faint alcohol-like odor

Solubility in Water: Soluble

Boiling Point: 206°F (97°C)

Melting Point: D.N.A. liquid

Vapor Density (Air=1): N/A

Evaporation Rate (BuAc=1): Same as water

Specific Gravity (H²O=1): 1.06

4. Fire and Explosion Hazard

Flash Point: 125°F (51.67°C) closed cup

Flammable Limits in: Non-flammable

Special Fire Fighting Procedures: Must wear MSHA/NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water spray

Unusual Fire and Explosion Hazards: Thermal decomposition may produce fumes of ammonia, hydrogen chloride and oxides of carbon and nitrogen

Extinguishing Method: Foam, dry chemical, CO², Water Fog

5. Health Hazard Data

COMPONENT	OSHA/PEL	ACGIH/TLV
Isopropyl Alcohol	400 ppm	400 ppm
Chlorhexidine Gluconate	N/A	N/A
Para-Chloroaniline P.C.A.	D.N.A.	500 ppm

Health Hazard (acute and chronic): Oral LD⁵⁰:1.8g/Kg (Rat.)

Effect of Overexposure:

Swallowing: May cause nausea

Skin Absorption: May cause irritation

Inhalation: None known

Eye/Ear Contact: Irritant, reported to cause middle ear injury when it has been permitted to enter ear canal with a perforated eardrum

Carcinogenicity:

NTR: No

IARC: No

OSHA: No

T.S.C.A.: Yes

6. Reactivity Data

Stability: Stable
Conditions to Avoid: Storage in excess heat (104°F) for a long period of time
Incompatibility (Materials to Avoid): Anionic detergents
Hazardous Combustion or Decomposition Products: P.C.A.
Hazardous Polymerization: Will not occur

7. Spill, Leak, and Waste Disposal Procedures

Steps to be Taken in Case Material is Released or Spilled: Flush with water
Waste Disposal Method: Dispose according to all local, state, and federal regulations.

8. Handling and Storage

Store in a closed container in a cool, dry, well-ventilated place away from incompatible materials.
Keep out of reach of children.

9. Special Protection Information

Respiratory Protection: None required
Ventilation: Local exhaust is adequate
Protective Gloves: None
Eye Protection: Goggles
Other Protective Clothing or Equipment: None needed

10. Regulation Information

Status on Substance List: None known
Federal EPA: None
State Right-To-Know: IPA, Sara section, 313

11. Transportation Data

Proper Shipping Name: Chlorhexidine Gluconate Solution 4%
DOT: Chlorhexidine Gluconate Aqueous Solution of alcohol containing 24% or less alcohol by volume and no other hazardous material

CHEMICAL WARNING LABELS

Required on containers, tubs, and bottles, which are filled from original containers with potentially hazardous substances

Hazard rating corresponding to the NFPA Rating System:

- 4 - Extreme**
- 3 - High**
- 2 - Moderate**
- 1 - Slight**
- 0 - Insignificant**

NFPA HAZARD RATING

HEALTH: 2
FLAMMABILITY: 0
REACTIVITY: 0

Chemical Warning Label – Certol International, LLC Excele[®] Antiseptic Skin Cleanser 4% Chlorhexidine Gluconate Solution

No wall reference is necessary

Product Name: Excele[®] Antiseptic Skin Cleanser 4% Chlorhexidine Gluconate Solution

Hazardous Chemicals: Isopropyl Alcohol, Chlorhexidine Gluconate, and Para-Chloroaniline P.C.A.

Personal Protection: Safety goggles, and/or face shield

<u>ROUTE OF ENTRY</u>	<u>HEALTH HAZARD</u>	<u>FIRE HAZARD</u>
<input type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion <input type="checkbox"/> Skin absorption <input checked="" type="checkbox"/> Eye/Ear absorption	<input checked="" type="checkbox"/> Irritant <input type="checkbox"/> Carcinogen <input type="checkbox"/> Toxic <input type="checkbox"/> Sensitizer <input type="checkbox"/> Normal Material	<input type="checkbox"/> Below 73°F (23°C) <input type="checkbox"/> Below 100°F (38°C) <input type="checkbox"/> Above 100°F (38°C) & not > 200°F (93°C) <input type="checkbox"/> Above 200°F (93°C) <input checked="" type="checkbox"/> Will not burn
<u>TARGET ORGAN EFFECTS</u>	<u>PHYSICAL HAZARD</u>	<u>REACTIVITY</u>
<input type="checkbox"/> Respiratory <input type="checkbox"/> Heart <input type="checkbox"/> Kidney <input checked="" type="checkbox"/> Eyes <input checked="" type="checkbox"/> Ears <input type="checkbox"/> Skin <input type="checkbox"/> Prostate <input type="checkbox"/> Blood <input type="checkbox"/> Liver <input type="checkbox"/> CNS <input type="checkbox"/> Other	<input type="checkbox"/> Oxidizer <input type="checkbox"/> Acid <input type="checkbox"/> Alkali <input type="checkbox"/> Corrosive <input type="checkbox"/> Use no water <input type="checkbox"/> Radioactive	<input type="checkbox"/> May detonate <input type="checkbox"/> Shock and heat may detonate <input type="checkbox"/> Violent chemical change <input type="checkbox"/> Unstable if heated <input checked="" type="checkbox"/> Stable

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