

Excêlle™

Antimicrobial Skin Cleanser

Product Codes: **EXC016 • EXC032 • EXC128**

MATERIAL SAFETY DATA SHEET • MSDS

ISSUE DATE: January, 1996 (Supercedes May 1995)

Cottrell, Ltd. urges each customer or recipient of this MSDS to study it carefully to become aware of and understand the hazards associated with this product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology, and fire prevention, as necessary or appropriate, to use and understand the data in this MSDS.

To promote safe handling, each customer or recipient should: (1) notify its employees, agents, contractors, and others whom it knows or believes will use this material of the information regarding hazards or safety; (2) furnish this same information to each of its customers for the product; and (3) request its customers to notify their employees, customers, and other users of the product of this information.

Emergency and First Aid Procedures

SWALLOWING: Unlikely.

SKIN: Wash with water.

INHALATION: No hazard.

EYES: Flush with water for at least 15 minutes.

NOTES TO PHYSICIAN: No specific antidote. Treatment based on sound judgement of physician and individual reaction of patient.

Phone: (303) 799-9401 • Emergency No.: (800) 535-5053

I. IDENTIFICATION

PRODUCT NAME: Excêlle™ Antimicrobial Skin Cleanser

CHEMICAL NAME: N/A

FORMULA: N/A

MOLECULAR WEIGHT: N/A

SYNONYMS: N/A

II. HAZARDOUS INGREDIENTS

Isopropyl Alcohol

Chlorhexidine Gluconate (20% solution – Not hazardous.)

Para-Chloroaniline P.C.A.

CAS NAME AND CAS #: Chlorhexidine Gluconate #18472-51-0

III. PHYSICAL DATA

BOILING POINT: 200°F (93°C)

FREEZING POINT: 32°F (0°C)

SPECIFIC GRAVITY (H₂O=1): 1.01

VAPOR DENSITY: N/A

SOLUBILITY IN WATER by wt.: Soluble.

EVAPORATION RATE (butylacetate = 1): Approximately same as water.

APPEARANCE: Colorless liquid.

ODOR: Faint alcohol-like odor.

IV. FIRE AND EXPLOSION HAZARD

FLASH POINT: 125°F (52°C) closed cap

FLAMMABLE LIMITS IN AIR: Not flammable.

EXTINGUISHING MEDIA: Water, fog, foam, drychemical, CO₂

SPECIAL FIRE FIGHTING PROCEDURES: Must wear MSHA/Ninos approved self-contained breathing apparatus. Cool fire exposed containers with water spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Thermal decomposition may produce toxic fumes of ammonia hydrogen chloride and oxides of carbon and nitrogen.

V. HEALTH HAZARD DATA

Component	OSHA PEL	ACGIH TLV	%
Isopropyl Alcohol	400 ppm	400 ppm	4.0
Chlorhexidine Gluconate	D.N.A.	D.N.A.	4.0
Para-Chloroaniline P.C.A.	D.N.A.	500 ppm	–

EFFECTS OF SINGLE OVEREXPOSURE:

SWALLOWING: Unlikely.

SKIN ABSORPTION: Dermatitis.

INHALATION: No hazard.

SKIN CONTACT: Irritant.

EYE CONTACT: Irritant. Reported to cause serious and permanent eye injury when it has been permitted to enter and remain in the eye.

EFFECTS OF REPEATED OVEREXPOSURE:

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: Dermatitis.

SIGNIFICANT LABORATORY DATA WITH POSSIBLE RELEVANCE TO HUMAN HEALTH HAZARD EVALUATION: None known.

OTHER EFFECTS OF OVEREXPOSURE: Has been reported to cause deafness when instilled in the middle ear through perforated ear drums.

VI. REACTIVITY DATA

STABILITY: Stable.

CONDITIONS TO AVOID: Temperatures over 104°F(40°C) over a long period of time.

INCOMPATIBILITY (MATERIALS TO AVOID): Anionic detergents.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: None.

HAZARDOUS POLYMERIZATION: Will not occur.

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Rinse area with water.

WASTE DISPOSAL METHOD:
Flush with water.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): None required.

PROTECTIVE GLOVES: Not needed.

EYE PROTECTION: Use Chemical Goggles.

OTHER PROTECTIVE EQUIPMENT: None required.

IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
Store at room temperature.

OTHER PRECAUTIONS:
Keep out of ears and eyes.

CHEMICAL WARNING LABELS

Chemical warning labels are required on all containers, tubs, and bottles which are filled or refilled with potentially hazardous substances from an original, manufacturer-labeled container.

The following hazard ratings correspond to the NFPA Rating System.

Below is a sample of **ProTector™** Chemical Warning Label, which reflects chemical information for **Excêlle™**. It clearly communicates what each hazard means.

NFPA HAZARD RATING

HEALTH: 2

Keep out of ears and eyes.

FLAMMABILITY: 2

Avoid temperatures over 104°F (40°C) over long periods of time.

REACTIVITY: 0

Stable – does not react with water.

Product Name: **Excêlle™**
 Hazardous chemical(s): **Chlorhexidine Gluconate**

Route of Entry:
 Inhalation
 Ingestion
 Skin/Eye Absorption

Target Organ Effects:
 Respiratory Prostate
 Heart Blood
 Kidney Liver
 Eyes CNS
 Skin Other: Ears

Personal Protection: **Glasses**
 MSDS#: _____

Health Hazard

 Irritant
 Carcinogen
 Toxic
 Sensitizer
 Normal Material

Physical Hazard

 Oxidizer
 Acid
 Alkali
 Corrosive
 Use NO Water
 Radioactive

Fire Hazard
Flash Point

 Below 73°F
 Below 100°F
 Above 100°F, Not exceeding 200°F
 Above 200°F
 Will Not Burn

Reactivity

 May Polymerize
 May React with Water
 May React with Air
 May React with Acids
 May React with Alkalis
 May React with Oxidizers
 May React with Reducing Agents

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