



SAFETY DATA SHEET

1. Identification of the Substance and Company

Coverage Plus NPD

Product No. 6387

MSDS No. 6387

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Emergency Telephone No. 1-314-535-1395 (STERIS); 1-800-424-9300 (CHEMTREC)
Telephone Number for Information: 1-800-444-9009 (Customer Service-Scientific Products)

2. Composition/Information on Ingredients

Hazardous Component(s)	% By Wt.	EU No.	CAS No.	Symbol	R Phrases
Di-n-alkyl dimethyl ammonium chloride	13.02	NA	68424-95-3	NA	NA
N-alkyl dimethyl benzyl ammonium chloride	8.68	NA	68424-85-1	NA	NA
Ethyl alcohol	4.34	NA	64-17-5	NA	NA
Tetrasodium EDTA	3.04	NA	64-02-8	NA	NA

3. Hazards Identification

Corrosive to eyes and skin.

4. First Aid Measures

Eye Contact: Flush eyes immediately with water for at least 15 minutes. Get medical attention.

Skin Contact: Flush skin immediately with water for at least 15 minutes. Get medical attention.

Inhalation: Remove patient to fresh air. If not breathing, give artificial respiration. Get medical attention.

Ingestion: Do not induce vomiting. Get medical attention. Do not give anything by mouth to an unconscious person. If conscious, drink a large quantity of milk or water.

5. Fire-Fighting Measures

Flash Point: 132F (But does not sustain combustion)

Method: TCC

Flammability Classification: Combustible

Special Hazards: Products of combustion are toxic.

Extinguishing Media: Foam, dry chemical, water or CO₂.

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

6. Accidental Release Measures

Contain spill. Absorb on absorbent material and place in a D.O.T. approved container for disposal. Flush spill site with large quantities of water to a sanitary sewer.

7. Handling and Storage

7.1 Handling

Avoid eye contact.

7.2 Storage

Store as any liquid detergent. Do not store in excess heat (above 140F).

8. Exposure Control/Personal Protection

8.1 Occupational Exposure Limits

Ethyl Alcohol: ACGIH TLV and OSHA PEL = 1,000 ppm

8.2 Personal Protection

Respirator Protection: Where TLV and PEL for ethyl alcohol are exceeded, a NIOSH/MSHA-approved respirator is recommended.

Eye Protection: Chemical splash goggles for concentrate.

Protective Gloves: Rubber or neoprene.

Other Protective Clothing and Equipment: Clothing needed to prevent skin contact.

Ventilation: When mists or vapors are generated that exceed TLV, proper ventilation must be provided in accordance with good ventilation practices.

9. Physical and Chemical Properties

Solubility in Water: Complete **Specific Gravity:** Approximately 1.01

Appearance/Odor: Clear, straw colored liquid/Mild chemical odor. **pH:** Approximately 13.0

10. Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur.

Incompatible Materials: None known.

Conditions to Avoid: None known.

Hazardous Decomposition or Byproducts: Organic chlorides, amines, hydrogen chloride, ammonia and oxides of carbon and nitrogen.

11. Toxicological Information

11.1 Acute (Primary Routes of Exposure)

Eyes: Corrosive to eyes upon direct or prolonged contact.

Skin: Corrosive to skin upon direct or prolonged contact. The Dermal LD₅₀ of product is 1,100 mg/kg (rabbit).

Inhalation: Vapors of the concentrate of this product may cause irritation of mucous membranes, headaches, irritation of the eyes, throat and nose and drowsiness.

Ingestion: Causes immediate burning pain of the mouth, throat and abdomen; swelling of the larynx; muscle paralysis affecting the ability to breathe; circulatory shock; and/or convulsions. Oral LD₅₀ is 1,050 mg/kg, may be fatal if ingested.

11.2 Long Term Exposure

None known

Carcinogenicity: IARC, NTP and OSHA do not list this product or its ingredients as carcinogens.

12. Ecological Information

None available

13. Disposal Considerations

Product may be neutralized and flushed to a sanitary sewer with copious amounts of water, if in accordance with state, local and federal regulations. For additional guidance, contact the State Water Board or the Regional Office of the EPA.

14. Transport Information

Ground: Disinfectant, Liquid, Corrosive N.O.S. (Quaternary Ammonium Compounds), 8, UN 1903, PG II

Sea: IMDG Class: Disinfectant, Liquid, Corrosive N.O.S. (Quaternary Ammonium Compounds), 8, UN 1903, PGII

Air: ICAO/IATA Class: Disinfectant, Liquid, Corrosive N.O.S. (Quaternary Ammonium Compounds), 8, UN 1903, PG II

15. Regulatory Information

EPA Registration Number 6836-139-1043

U.S. State Regulations: May contain trace levels of acetaldehyde, benzene, benzyl chloride, 1,4-dioxane, ethylene oxide, n-nitrosodimethylamine, propylene oxide and toluene.

16. Other Information

The information on this sheet is not a specification and does not guarantee specific properties. The information is intended to provide general knowledge as to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product or where instructions or recommendations are not followed.

NA - Not Applicable

ND - No Data