



# MATERIAL SAFETY DATA SHEET

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**EMERGENCY CONTACT: CHEMTREC (800-424-9300)**

**TRADE NAME:** Multipurpose Disinfectant Cleaner  
**CHEMICAL FAMILY:** Quaternary ammonium compound  
**EPA Registration Number:** 10324-93-83914

**MSDS No.** HCSmultidis-1

Preparation Date: 11/28/06

## NFPA HAZARD SUMMARY (0-4 Scale)

Health: 3                      Flammability: 1                      Reactivity: 1                      Special: N/A

## HAZARDOUS INGREDIENTS

The materials listed in this data sheet are classified as **HAZARDOUS** in accordance with the definition set forth by the Occupational Safety and Health Administration in 29 CFR 1910.1200.

<u>CHEMICAL NAME</u>	<u>COMMON NAME</u>	<u>CAS</u>	<u>Exposure Limits</u>	<u>LD<sub>50</sub></u>	<u>%</u>
Alkyl dimethyl benzyl ammonium chloride (C <sub>12-18</sub> )	Quaternary Ammonium chloride	68391-01-5		>2 g/kg	2-3
Alkyl dimethyl ethyl benzyl ammonium chloride (C <sub>12-14</sub> )	Quaternary Ammonium chloride	68956-79-6		>2g/kg	2-3
Ethanol	Ethanol	64-17-5	1000ppm (TWA)		<0.5

## EMERGENCY FIRST AID PROCEDURES

**SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**EYES:** Immediately flush eyes with water for 15-20 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Seek medical attention at once.

**INHALATION:** If symptoms are experienced, move victim to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**INGESTION:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.**

## FIRE AND EXPLOSION DATA

<u>FLASHPOINT</u>	<u>FLAMMABLE LIMITS</u>	<u>AUTO IGNITION TEMP</u>
	<u>(LEL)</u>	<u>(UEL)</u>
>200°F (Pensky Martin CC)	N/A	N/A

**EXTINGUISHING AGENTS:** Dry chemical, foam, carbon dioxide, water fog or any other agent suitable for surrounding fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** Firefighters should wear full protective clothing including self-contained breathing apparatus. Cool fire exposed containers with spray.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Irritating and toxic gasses or fumes may be released during a fire. Combustion products are toxic.

## REACTIVITY DATA

<u>STABILITY</u>	<u>HAZARDOUS DECOMPOSITION PRODUCTS</u>	<u>MATERIALS TO AVOID</u>
Stable	Carbon Monoxide, carbon dioxide and toxic chloride vapor.	Strong oxidizing agents, reducing agents

## HAZARDOUS POLYMERIZATION

Will not occur.

