



MATERIAL SAFETY DATA SHEET

5579 Spellmire Dr.
Cincinnati, OH 45237
(800) 291-1057

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>LD₅₀</u>	<u>%</u>
Alkyl dimethyl benzyl ammonium chloride (C ₁₂₋₁₈)	Quaternary Ammonium chloride	68391-01-5		>2 g/kg	2-3
Alkyl dimethyl ethyl benzyl ammonium chloride (C ₁₂₋₁₄)	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	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.

