

## MATERIAL SAFETY DATA SHEET

### NEUTRAVAC™

(Concentrate form)

#### SECTION I – Manufacturer

Biotrol • 650 S. Taylor Ave., #20 • Louisville, CO 80027  
303-673-0341 • 1-800-822-8550

#### SECTION II – Composition Information

	OSHA PEL	ACGIH TLV	% (Optional)	CAS No.
Alkyldimethyl benzyl ammonium chloride (C12-18)				68391-01-5
Alkyldimethyl (ethylbenzyl) ammonium chloride (C12-18)				68956-79-6

#### SECTION III – Physical and Chemical Characteristics

**Boiling Point:** 212° F

**Melting Point:** N/A

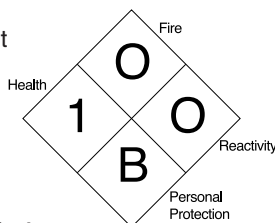
**Appearance and Odor:** Colorless liquid with fresh scent

**Solubility in Water:** Complete

**pH:** 7-8

**Vapor Pressure (mm Hg):** Like water

**Vapor Density (Air = 1):** Heavier than air



#### SECTION IV – Fire and Explosion Hazard Data

**Flash Point (Method Used):** 200° F (PMCC)

**Flammable Limits:** N/A

**Extinguishing Media:** CO<sub>2</sub>, dry chemicals, foam or water type BC or ABC extinguishers.

**Special Fire Fighting Procedures:** Use self-contained breathing apparatus.

**Flammable Limits in Air % by Volume:**

**LEL Lower:** Not determined.

**UEL Upper:** Not flammable.

#### SECTION V – Reactivity Data (Physical Hazards)

**Stability:** Stable.

**Hazardous Polymerization:** Will not occur.

#### SECTION VI – Health Hazard Data

##### SIGNS AND SYMPTOMS OF EXPOSURE

Contact with eyes causes irritation. Avoid prolonged/repeated contact with skin.

If inhaled, vapors may irritate respiratory passages.

#### SECTION VII – Emergency and First Aid Procedures

Follow suggestions below. If symptoms persist, consult a physician.

##### ROUTES OF ENTRY

**Inhalation:** Remove to fresh air. Use oxygen or artificial respiration if needed.

**Eyes:** Flush eyes immediately with plenty of water for 15 minutes; consult a physician immediately.

**Skin:** Wash off skin and remove contaminated clothing.

**Ingestion:** If swallowed, consult a physician immediately.

#### SECTION VIII – Special Precautions and Spill/Leak Procedures

**Precautions to be Taken in Handling and Storing:** Avoid overheating or freezing.

**Spill Management:** Contain all spills and leaks. Ventilate area. Soak with absorbent. Shovel into waste container. Flush area with water. Spilled material is slippery.

**Waste Disposal Methods:** Dispose according to all Federal, State and local regulations.

#### SECTION IX – Special Protection Information/Control Measures

**Eye Protection:** Goggles to avoid contact.

**Protective Gloves:** Yes, impervious gloves.

**Work/Hygienic Practices:** Use common sense for safety.

##### \*\*\* IMPORTANT \*\*\*

While seller believes that the information contained herein is accurate, such information is offered solely for its customers' consideration and verification under their specific use conditions. This information is not deemed a warranty or representation of any kind for which seller assumes legal responsibility.

**NEUTRAVAC™**

**EVACUATION LINE CLEANER / DEODORIZER**

 **BIOTROL**

**24-Hour Emergency No. (U.S.) 1-800-424-9300**

**(Outside U.S.) 703-527-3887**

**Questions or Comments? 1-800-822-8550**