

MATERIAL SAFETY DATA SHEET

VACUSOL™ ULTRA

(Concentrate form)

SECTION I – Manufacturer

Biotrol
13705 Shoreline Court East, Earth City, MO 63045
1-800-822-8550

SECTION II – Hazardous Ingredients/Identity

Hazardous Component(s) (chemical and common names)	OSHA PEL	ACGIH TLV	% (Optional)	CAS No.
None				

SECTION III – Physical and Chemical Characteristics

Boiling Point: 212° F

Melting Point: N/A

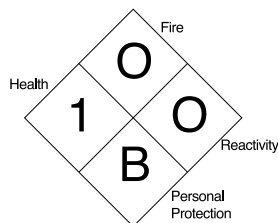
Appearance and Odor: Yellow with lemon scent

Solubility in Water: Complete

pH: 12.4

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: CO₂, 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.

Unusual Fire and Explosion Hazards: Strong acids and bases react with aluminum to form hydrogen which is explosive if ignited.

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.

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.

VACUSOL™ ULTRA

EVACUATION LINE CLEANER / DEODORIZER



BIOTROL

24-Hour Emergency No. (U.S.) 1-800-535-5053

(Outside U.S.) 352-323-3500

Questions or Comments? 1-800-822-8550