

MATERIAL SAFETY DATA SHEET

Manufacturer: Volu-Sol *5095 West 2100 South* Salt Lake City, UT 84120
(800) 821-2495 * 24hr Emergency Call * (800) 535-5053

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

SECTION I

PRODUCT NAME: Hemastainer Buffer Powder
DATE OF REVISION: 05-01-00

SIZE: 4.4 gm packets

SECTION II HAZARDOUS INGREDIENTS OF MIXTURES

PRINCIPAL HAZARDOUS COMPONENT (S): % OSHA PEL ACGIH TLV (units)
none 0.0 none none

SECTION III PHYSICAL DATA

BOILING POINT (F): n/a

VAPOR PRESSURE mm Hg./20 DEG C: n/a

VAPOR DENSITY (AIR=1): n/a

SOLUBILITY IN WATER: Complete

SPECIFIC GRAVITY:(H2O=1) n/a

PERCENT VOLATILE BY VOLUME: n/a

EVAPORATION RATE (ether =1): n/a

APPEARANCE AND ODOR: White granules, no odor.

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used):
(TCC) n/a (TOC) n/a

EXTINGUISHING MEDIA: n/a

SPECIAL FIRE FIGHTING PROCEDURES: n/a

UNUSUAL FIRE AND EXPLOSION HAZARDS: n/a

FLAMMABLE LIMITS: LeI UeI
n/a n/a

SECTION V REACTIVITY DATA

STABILITY: STABLE **INCOMPATIBILITY** (materials to avoid): Alkaloids, antipyrine, chloral hydrate, pyrogallol, lead acetate, and resorcinol.

HAZARDOUS DECOMPOSITION OR BY PRODUCTS: Occurs from heat and reaction with materials above.

HAZARDOUS POLYMERIZATION: May polymerize explosively from heat..

CONDITIONS TO AVOID: Heat, flames and sparks.

SECTION VI HEALTH HAZARD DATA

EXPOSURE LIMITS: **PER** **TLC** **OTHER**
pm n/a n/a n/a n/a

EFFECTS OF OVEREXPOSURE: Headache nausea, may be fatal if swallowed. Will irritate eyes and skin.

ROUTE (S) OF ENTRY**EMERGENCY AND FIRST AID PROCEDURES**

EYE:	Irrigate immediately with water for 15 minutes. Call physician.
SKIN:	Flush with soap and water immediately.
BREATH:	Move to fresh air. Give artificial respiration if needed. Call physician.
INGESTION:	Give large volumes of water and induce vomiting. Call physician.

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Mop up small spills and dispose of in DOT approved waste containers. Large spills should be diked with soil or non-combustible absorbent material.

WASTE DISPOSAL METHOD: All liquid or contaminated absorbent material should be disposed of in DOT-approved waste containers. Comply with all applicable Federal, State and local regulations for disposal of this material.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify Type): None for normal use.

VENTILATION: Mechanical exhaust (use in well ventilated area).

PROTECTIVE GLOVES: Chemical Resistant.

EYE PROTECTION: Chemical goggles. DO NOT wear contact lenses.

OTHER PROTECTIVE EQUIPMENT: Good laboratory safety practices indicate Lab Coats, hand and eye protection.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Use only in well ventilated area. Bottle should remain capped and sealed until use. Avoid storage in areas of extreme temperature and direct light. Avoid contact with eyes.

OTHER PRECAUTIONS: Keep away from heat, sparks, flame, powerful oxidizer and direct sunlight. Store in ventilated area. Wash thoroughly after use.

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