

Material Safety Data Sheet for Micro-Solve®

IDENTITY: Micro-Solve®

Manufacturer: Bio-Tech Industries Emergency Number

994 Blanding Blvd. 1-800-424-9300

Orange Park, FL 32065 Outside U.S.A. 1-706-527-3887

Information Number 1-904-272-6446

DATE PREPARED: 05/17/99

SECTION I HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components: The identities of ingredients which are trade secrets are excluded from this section. Ingredients not identified in this section are not found on the IARC, NTP, or OSHA list of carcinogens. All components of this product are registered with the USEPA-TSCA, and this product is Authorized by The United States Department of Agriculture and is acceptable for use in sewage and/or drain lines of official establishments operating under the Federal meat, poultry, shell egg grading and egg products inspection programs.

SECTION II – PHYSICAL/CHEMICAL CHARACTERISTIC

Boiling point: 300-500F

Specific Gravity (Water=1): 39.20F = 0.92

Vapor Pressure (mm Hg): <20

Melting Point: N/A

Vapor Density (Air = 1): <6

Evaporation Rate (Butyl Acetate =1): <1

Solubility in Water: NEGLIGIBLE (<.1% in distilled water at 500F) pH 5.8 – 6.2

Appearance and Odor: Clear green liquid with a distinct organic odor.

SECTION III – FIRE AND EXPLOSION HAZARD

Flash Point: 165 – 174F (PCC)

Flammable Limits: None

LEL: 3.4

UEL: 11.1

Extinguishing Media: Foam, (CO₂), or dry chemical extinguisher.

Special Fire and Fighting Procedure: Apply above extinguisher media to keep exposed containers cool. DO NOT enter fire without self-contained

OSHA approved, breathing Apparatus.

Full bunker gear.

SECTION IV – HEALTH HAZARD DATA

Acute Eyes: Can cause severe irritation, redness and blurry vision.

Skin: Prolonged or repeated contact, can cause moderate irritation, defatting & dermatitis.

Inhalation: Can cause Gastro-intestinal irritation, nausea, vomiting, diarrhea and/or headache.

Chronic Inhalation: May increase susceptibility to respiratory illness.

EMERGENCY FIRST AID:

Skin: Immediately flush skin with running water for 10 minutes. Remove contaminated clothing immediately. Wash clothing before reuse.

Eyes: Flush immediately with running water for 15 minutes, occasionally lifting upper and lower lids, consult physician.

Inhalation: If affected, remove individual to fresh air.

Ingestion: DO NOT induce vomiting. Call a physician immediately. If conscious, give a lot of water or milk DO NOT give anything by mouth to an unconscious or convulsing person.

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EMERGENCY FIRST AID

- Skin:** Immediately flush skin with running water for 10 minutes. Remove contaminated clothing immediately.
Wash clothing before reuse.
- Eyes:** Flush immediately with running water for 15 minutes, occasionally lifting upper and lower lids.
Consult physician.
- Inhalation:** If affected, remove individual to fresh air. If breathing is difficult, administer oxygen and get prompt Medical attention.
- Ingestion:** Do not induce vomiting. Call a physician immediately. If conscious, give a lot of water or milk. Do not give anything by mouth to an unconscious or convulsing person.

SECTION V – REACTIVITY DATA

- Stability:** Stable
- Incompatibility:** Avoid contact with oxidizing materials
- Hazardous Decomposition Products:** Presence of air may yield minor amounts of nitrogen oxide.
- Hazardous Polymerization:** Will not occur.

SECTION VI – SPILL OR LEAK PROCEDURES

- In case of leak or spill:** Isolate hazard and restrict entry. Eliminate all ignition sources. Absorb with sand or any Inert non combustible, absorbent material, (DO NOT USE SAW DUST) and shovel into approved containers.
- Waste Disposal Method:** Contaminated absorbent may be disposed of according to Local, State & Federal Regulations for the products containing, Distillates & Solvents.

SECTION VII – SPECIAL PROTECTION INFORMATION

- Respiratory Protection:** If ventilation is inadequate, wear a properly fitted MSA or OSHA approved respirator
- Protective Gloves:** Neoprene gloves (strongly recommended)
- Eye Protection:** Chemical splash goggles are recommended
- Other Protection Equipment:** If contact lenses are worn, the use of tight fitting safety goggles is recommended
- Work/Hygienic Practices:** Wash hand thoroughly after handling & before eating, drinking, or smoking.

SECTION VIII – SPECIAL PRECAUTIONS

- Pre-cautions in Handling and Storage:** Store in a cool well ventilated area away from heat, sparks, and open flame. Keep containers tightly closed when not using. Keep out of reach of children and away from food. Open, pour and use only in WELL VENTILATED AREAS. Other Precautions: Containers, even emptied, will retain product residue and vapors. Do not cut, weld, or grind these drums. ALWAYS OBEY HAZARD WARNINGS.
- Container Disposal:** Do no reuse container. Triple rinse and dispose of contents and container in accordance with all FEDERAL, STATE, and LOCAL LAWS AND REGULATIONS.

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