

MATERIAL SAFETY DATA SHEET

NOV 20 2000

SECTION I - PRODUCT IDENTIFICATION

Manufacturer's Name **Total Solutions** Product Name **EnviroTerra** Product Number **0139**
 Address **P.O. Box 240014, Milwaukee, WI 53224**
 Emergency Telephone No. and Other Information Calls **(414) 354-6417 or Chemtrec (800) 424-9300**

SECTION II - HAZARDOUS INGREDIENTS

Substance	Approx %	OSHA PEL	ACGIH TLV	302	EPA 40 CFR: 355	372	CAS #
Organic Salt	30-70	N/E	N/E	N	N	N	None

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling level STEL: Short Term Exposure Limit
 N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No
 302: CERCLA List of Hazardous Substances and Reportable Quantities (40CFR 302.4).
 355: SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).
 372: SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know (40 CFR 372)).

SECTION III - PHYSICAL DATA

BOILING POINT (°F): 212 SPECIFIC GRAVITY: (water = 1): 1.05
 VAPOR PRESSURE (mm Hg): N/D VOC CONTENT (% by weight): N/D
 VAPOR DENSITY (AIR = 1): N/D EVAPORATION RATE (water =1): 1.00
 SOLUBILITY IN WATER: Soluble pH: 0.2 - 1.2
 APPEARANCE AND ODOR: Clear, dark green liquid; pleasant odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (°F): N/A TEST METHOD: Closed cup FLAMMABLE LIMITS IN AIR (VOLUME %): UPPER - N/A LOWER - N/A
 EXTINGUISHING MEDIA: Water, foam, carbon dioxide, dry chemical.
 SPECIAL FIRE FIGHTING PROCEDURES: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
 UNUSUAL FIRE AND EXPLOSION HAZARD: Hydrogen gas may be released upon contact with certain metals at sustained temperatures above 140°F.

SECTION V - REACTIVITY DATA

STABILITY: Stable INCOMPATIBILITY: Strong oxidizers and alkalies. CONDITIONS TO AVOID: None.
 HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce oxides of carbon, nitrogen and chlorine.
 HAZARDOUS POLYMERIZATION: Will not occur. CONDITIONS TO AVOID: None.

SECTION VI - HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION: EYE CONTACT: X SKIN CONTACT: X INGESTION: X
 INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS: None.
 EFFECTS OF OVEREXPOSURE:
 IF IN EYES: May be painful and irritating.
 IF ON SKIN: Irritation, with prolonged or repeated exposure. Non-corrosive to skin.
 IF SWALLOWED: May be harmful if ingested.
 IF INHALED: Irritation to the respiratory tract.
 EMERGENCY AND FIRST AID PROCEDURES:
 IF IN EYES: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain medical attention.
 IF ON SKIN: Wash with soap and water. If irritation persists, obtain medical attention.
 IF SWALLOWED: Contact physician or poison control center immediately. Give affected person 3 to 4 glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person.
 IF INHALED: Remove person to fresh air. If breathing is difficult, give oxygen. Obtain medical attention.

SECTION VII - SPILL OR LEAK PROTECTION

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain spill and ventilate area. Soak up spilled material with inert absorbent material and place in properly labeled container for disposal.
 WASTE DISPOSAL METHOD: Consult local environmental authorities.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use with adequate ventilation. Do not breathe vapors or mists.
 VENTILATION: LOCAL EXHAUST: Recommended. MECHANICAL: Not Required.
 PROTECTIVE GLOVES: Chemical resistant. EYE PROTECTION: Safety glasses or chemical goggles. OTHER PROTECTIVE EQUIPMENT: Emergency wash station.
 PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool, dry place, away from alkaline products. Keep container tightly closed when not in use.
 OTHER PRECAUTIONS: Keep out of reach of children.

SECTION IX - TRANSPORTATION INFORMATION

DOT INFORMATION: None.
 DOT PROPER SHIPPING NAME: None.
 DOT CLASS: None. DOT ID NUMBER: None. DOT PACKAGING GROUP: None.

NOTICE: NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OR MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY OTHER NATURE, ARE MADE WITH RESPECT TO INFORMATION CONCERNING THE PRODUCT REFERRED TO IN THIS MATERIAL SAFETY DATA SHEET.

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Prepared By: PMR

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HMS
HAZARD
RATING

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	

HMS
Severe 4
Serious 3
Moderate 2
Slight 1
Minimal 0

NFPA
Extreme
High
Moderate
Slight
Insignificant

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0

NFPA
HAZARD
RATING