



**MSDS**

**EnviroCare Corporation**

## 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

**PRODUCT NAMES:** ENVIROSHIELD ES-90  
**MANUFACTURER:** EnviroCare Corporation  
 260 Fordham Road  
 Wilmington, MA 01887  
 Tel# (978) 658-0123 Fax# (978) 964-0444

**Emergency Contact:** CHEMTREC 1-800-424-9300 (24 Hours)  
**Prepared by:** EnviroCare **Revised:** 04/18/05

## 2. INFORMATION ON INGREDIENTS

Unlisted ingredients are not 'hazardous' per the occupational Safety and Health Administration Hazard Communication Standard (29 CFR 1910.1200) and/or are not found on the Canadian Workplace Hazardous Materials Information System ingredient disclosure list. See section 5 for any additional exposure limit guidelines.

COMPONENT	CAS NUMBER	WT% +/-	OSHA		ACGIH	
			TWA	STEL	TWA	STEL
Polymer/Solids	Proprietary	40.0-41.0	-	-	-	-
Water	7732-18-5	59.0-60.0	-	-	-	-
Silver	7440-22-4	<1.0	-	-	-	-

## 3. FIRE AND EXPLOSION HAZARD DATA

**NOTE: THIS MATERIAL WILL NOT NORMALLY BURN.**  
**FLASH POINT:** N/A **LOWER EXPLOSIVE LIMIT:** N/A **UPPER EXPLOSIVE LIMIT:** N/A  
**EXTINGUISHING MEDIA:** Water Spray, Carbon Dioxide, Foam  
**SPECIAL FIREFIGHTING MEASURES:** Wear self-contained breathing apparatus and full protective gear. Material may splatter if temperatures exceed boiling point (212F)

## 4. PHYSICAL DATA

- ODOR:** Characteristic **APPEARANCE:** Thick Milky Aqueous Liquid
- SOLUBILITY IN H<sub>2</sub>O:** Dilutable **VBW %:** 48%
- VAPOR DENSITY:** Heavier than Air

## 5. HEALTH HAZARD DATA

- EFFECTS OF OVEREXPOSURE – EYE CONTACT:** No irritation hazard in normal industrial use.
- EFFECTS OF OVEREXPOSURE – SKIN CONTACT:** No irritation hazard in normal industrial use.
- EFFECTS OF OVEREXPOSURE – INHALATION:** No irritation hazard in normal industrial use.
- EFFECTS OF OVEREXPOSURE – INGESTION:** Ingestion is not an anticipated route of exposure. No hazard in normal industrial use.
- EFFECTS OF OVEREXPOSURE – CHRONIC HAZARDS:** No organs known to be damaged by exposure to this product.
- CARCINOGENICITY:** Unless noted below, this product does not contain regulated levels of NTP, IARC, ACGIH, or OSHA listed carcinogens.
- FIRST AID – EYE CONTACT:** None expected to be needed. Eye wash is recommended to remove chemical from eyes.
- FIRST AID – SKIN CONTACT:** Wash with soap and water.
- FIRST AID – INHALATION:** This product does not present a hazard if inhaled. Remove individual to fresh air after an airborne exposure if any symptoms develop, as a precautionary measure.
- FIRST AID – INGESTION:** Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.

---

## 6. REACTIVITY DATA

---

**HAZARDOUS DECOMPOSITION PRODUCTS:** When exposed to fire, produces normal products of combustion  
**CONDITIONS TO AVOID:** None Known  
**INCOMPATIBILITY:** Materials that react with water  
**HAZARDOUS POLYMERIZATION:** Will not occur under normal conditions.  
**STABILITY:** This product is stable under normal storage conditions.

---

## 7. SPILL OR LEAK PROCEDURES

---

**STEPS TO BE TAKEN IN CASE THE MATERIAL IS RELEASED OR SPILLED:** Prevent spread of spill. Absorb liquid with vermiculite floor absorbent, or other absorbent material. Prevent run-off from entering drains, sewers, or streams.  
**WASTE DISPOSAL METHODS:** Solidify, and dispose of in approved landfill. Consult Federal, State or Local authorized for more restrictive requirements.

---

## 8. SAFE HANDLING AND USE INFORMATION

---

**RESPIRATORY PROTECTION:** No special requirements under normal use and conditions. If spraying, appropriate mask is recommended.  
**VENTILATION:** No exposure limits exist for the constituents of this product. No engineering controls are likely to be necessary to maintain operator comfort under normal conditions of use.  
**SKIN PROTECTION:** None required. Use nitrile gloves if conditions warrant.  
**EYE PROTECTION:** Wear safety glasses when handling this product.

---

## 9. HMIS RATING

---

**FIRE: 0      HEALTH: 0      REACTIVITY: 0**  
HAZARD RATINGS:  
0=MINIMAL                      3=SERIOUS  
1=SLIGHT                        4=SEVERE  
2=MODERATE

---

## 10. OTHER REGULATIONS

---

**TRANSPORTATION:**  
US DOT Hazard Class.....NONREGULATED

**SARA SECTION 313:**  
This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and CFR 40 part 372:

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>WT/WT% ±</u>
None		

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.  
LEGEND: N.E. = Not Established      Abbreviations are self explanatory.  
NOTE: The information contained in this MSDS is believed to be accurate, however, certain portions may vary slightly to conform with formulation changes.

THIS PRODUCT IS FOR INDUSTRIAL USE ONLY.

CONSULT THE TECHNICAL DATA SHEET FOR FURTHER INFORMATION.

**WARRANTY:** EnviroCare warrants its products to be free from defects in material and workmanship. EnviroCare's sole obligation and Buyer's exclusive remedy in connection with the products shall be limited, at EnviroCare's option, to either replacement of products not conforming to this Warranty or credit to Buyer's account in the invoiced amount of the nonconforming products.

**LIMITATION OF LIABILITY:** EnviroCare's liability on any claim of any kind, including claims based upon EnviroCare's negligence or strict liability, for any loss or damage arising out of, connected with, or resulting from the use of the products, shall in no case exceed the purchase price allocable to the products or part thereof which give rise to the claim.  
**In no event shall EnviroCare be liable for consequential or incidental damages.**