

MATERIAL SAFETY DATA SHEET

EnviroSolve Silver

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SECTION I – PRODUCT NAME AND COMPANY IDENTIFICATION

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TRADE NAME: EnviroSolve Silver

MANUFACTURER'S NAME

**REACT-NTI, LLC**  
**4201 Woodland Road, P.O. Box 69**  
**Circle Pines, MN 55014**

**IN CASE OF EMERGENCYCALL**

(24 hours/day, 7 days/week)  
1-800-424-9300 (CHEMTREC)  
703-527-3887 (DIRECT DIAL)  
262-367-2049

DATE OF REVISION  
04/17/07

TELEPHONE INFORMATION  
**(763) 225-6644**

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SECTION II – INGREDIENT INFORMATION

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PRODUCT CLASS – SOLVENT  
CAS NUMBER : 97-64-3

**HAZARDOUS INGREDIENTS – NATURALLY DERIVED CORN SOLVENT**

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SECTION III - HEALTH HAZARDS IDENTIFICATION

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ACUTE HEALTH EFFECTS

Eyes Risk of damage  
Skin None anticipated  
Ingestion None anticipated  
Inhalation May cause irritation of mucous membranes

CHRONIC HEALTH EFFECTS

None known, not listed as a carcinogen

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SECTION IV - FIRST AID MEASURES

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**EYES** Immediately flush with water for at least 15 minutes. See a medical doctor immediately.  
**SKIN** Wash with soap and water  
**INHALATION** Remove person to fresh air. If discomfort occurs and persists, obtain medical attention.  
**INGESTION** Induce vomiting. See a medical doctor immediately.

## ENVIROSOLVE SILVER

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### SECTION V - FIRE FIGHTING MEASURES

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<b>EXTINGUISHING MEDIA</b>	Water, water fog, carbon dioxide (CO <sub>2</sub> ), dry chemical
<b>SPECIAL FIREFIGHTING PROCEDURES</b>	Wear NIOSH approved respirator
<b>DEGREE OF FIRE AND EXPLOSION HAZARD</b>	Moderate. Rags soaked with any solvent can present a fire hazard and should be stored UL listed or Factory Mutual approved, covered containers. Improperly stored rags, under certain conditions can lead to spontaneous combustion. Not an explosion hazard.

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### SECTION VI - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	<b>KEEP CONTAINER TIGHTLY CLOSED. STORE IN A COOL, DRY, WELL-VENTILATED, LIQUID STORAGE AREA, AWAY FROM ACIDS</b>
OTHER PRECAUTIONS:	<b>USE ADEQUATE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP VAPOR AND MIST LEVELS AS LOW AS POSSIBLE</b>
STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED:	<b>TAKE UP WITH SAND AND OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIAL AND PLACE INTO CONTAINER FOR LATER DISPOSAL. FLUSH AREA WITH WATER.</b>
WASTE DISPOSAL METHODS:	<b>DISPOSE OF ACCORDING TO FEDERAL, STATE, AND LOCAL REGULATIONS.</b>

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### SECTION VII - CHEMICAL AND PHYSICAL DATA

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MELTING POINT	<b>NOT APPLICABLE</b>
BOILING POINT	<b>309°F</b>
SPECIFIC GRAVITY	<b>1.030-1.038</b>
VAPOR PRESSURE:	<b>1.7@ 68°F</b>
PERCENT VOLATILE BY VOLUME (%):	<b>100</b>
EVAPORATION RATE (BUTYLACETATE):	<b>0.22</b>
APPEARANCE AND ODOR:	<b>CLEAR, COLORLESS LIQUID WITH A MILD ODOR</b>
FLASH POINT:	<b>127°F, ASTM D93</b>
SOLUBILITY	<b>100 % IN WATER</b>
AUTOIGNITION TEMPERATURE	<b>752°F</b>

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### SECTION VIII – STABILITY AND REACTIVITY DATA

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<b>STABILITY</b>	Stable
<b>HAZARDOUS POLYMERIZATION</b>	None known
<b>CONDITIONS TO AVOID</b>	None known
<b>MATERIALS TO AVOID</b>	<b>Strong oxidizing agents</b>
<b>INCOMPATIBILITY</b>	Strong acids and oxidizers
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	None known
<b>SENSITIVITY TO STATIC DISCHARGE</b>	None known
<b>SENSITIVITY TO MECHANICAL IMPACT</b>	None known

**ENVIROSOLVE SILVER**

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SECTION IX - TOXICOLOGICAL INFORMATION

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EYE CONTACT	Irritant
SKIN CONTACT	LD 50 (rat/24 hours) >2000mg/kg
SKIN ABSORPTION	No data available
INHALATION	LC 50(rat/4 hrs.) >5400 mg/m <sup>3</sup>
INGESTION	LD 50 >4090 mg/kg (rat) (RTECS 1985-6)
ACUTE EFFECTS FROM OVEREXPOSURE	May cause eye irritation
CHRONIC EFFECTS FROM OVEREXPOSURE	None identified

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SECTION X – ECOLOGICAL INFORMATION

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ENVIRONMENTAL FATE	100% BIODEGRADABLE
ENVIRONMENTAL EFFECTS	No adverse effects known or suspected. Not listed toxic chemical under SARA Title III 302, 304 or 313

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SECTION XI – HANDLING AND STORAGE

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HANDLING	Keep container tightly closed.
STORAGE	Store in a cool dry area, avoid excessive heat and acids.
VENTILATION	Use adequate general or local exhaust ventilation to keep vapor and mist levels as low as possible.

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SECTION XII - EXPOSURE CONTROL/PERSONAL PROTECTION

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RESPIRATORY PROTECTION:	<b>NONE REQUIRED WHEN ADEQUATE VENTILATION CONDITIONS EXHAUST</b>
VENTILATION:	<b>LOCAL EXHAUST</b>
PROTECTIVE GLOVES:	<b>USE IMPERVIOUS GLOVES TO PREVENT SKIN CONTACT</b>
EYE PROTECTION:	<b>USE CHEMICAL GOGGLES</b>

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SECTION XIII – TRANSPORT INFORMATION

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SHIPPING NAME	<b>ETHYL LACTATE (ENVIROSOLVE SILVER)</b>
IATA	Flammable Liquid
IMDG	Class 3
DOT CLASSIFICATION	Flammable Liquid
DOT LABELS	3
DOT PLACARD	Bulk; Flammable, 1192
IDENTIFICATION NUMBER	UN 1192
PACKING GROUP	III
DOT MARKINGS	Not applicable
HAZARDOUS SUBSTANCE/RQ	Not applicable

**ENVIROSOLVE SILVER**

PRECAUTIONS TO BE TAKEN IN TRANSPORTATION	None needed
49 STCC NUMBER	Not applicable

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SECTION XIV – REGULATORY INFORMATION

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OSHA EXPOSURE LIMITS SUBSTANCE	Ethyl Lactate
ACGIH TLV-TWA	None established
CARCINOGENIC POTENTIAL	None
REGULATED BY OSHA	No
LISTED TOXIC CHEMICAL	No
US TOSCA STATUS	Listed

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SECTION XV – ADDITIONAL INFORMATION

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SECTION XVI – HMIS LABEL

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HEALTH	FLAMMABILITY	REACTIVITY	PERSONAL PROTECTION
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