

MATERIAL SAFETY DATA SHEET

Date of Last Revision: 1/06

GlobalTech® Lead Eliminator*

Product Code: LE

Section 1 ... Composition/Information on Ingredients

	CAS #	PPM	EXPOSURE LEVELS	PERCENTAGES
			Agency Type	
Water	7732-18-5		NE	61.9%
Gluconic Acid	526-95-4		NE	37.5%

Specific Chemical identities withheld under Trade Secret Status. This product does not contain a substance, which must be reported under the requirements of SARA Title III-313 and 40 CFR 372

Section 2 ... First Aid Measures

Eye Contact: If irritation or redness, from vapor exposure develops, move victim away from exposure source. If irritation or redness persists, seek medical attention. For direct contact, hold eyelids apart and flush affected eyes(s) with clean water for 20 minutes. Seek medical attention.

Skin Contact: Remove contaminated clothing. Cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and/or persists, seek medical attention. Launder contaminated clothing before reuse.

Inhalation: If respiratory or other overexposure symptoms develop, move victim away from exposure source into fresh air. If symptoms persist, seek immediate medical attention. If victim is not breathing, artificial respiration should be administered. If breathing difficulty is experienced, oxygen should be administered by qualified personnel. Seek medical attention.

Ingestion (swallowing): Aspiration Hazard: Do NOT induce vomiting or give anything by mouth. Vomited material can enter the lungs and cause lung damage. If victim is drowsy or unconscious, place on left side with head down. If possible, do not leave victim unattended. If victim is conscious and alert, give milk or water to dilute the contaminate.

Note to Physician: Epinephrine and other sympathomimetic drugs may potentiate arrhythmia in persons exposed to this substance. Such drugs should be used cautiously, if at all, and only with cardiac monitoring. Pre-existing conditions may be aggravated by exposure.

Section 3 ... Health Hazards and Routes of Entry

Eye Contact: This material will irritate eyes. Direct contact with the liquid or exposure to the vapor or mist may cause tearing, stinging and redness.

Skin Contact: This material may cause skin irritation. Prolonged or repeated exposure to this material may cause redness, burning and cracking or drying of skin. Contact may result in skin absorption, but toxicity symptoms via this route are unlikely, under normal conditions. Persons with pre-existing conditions may be more susceptible to the effects of this material.

Inhalation (breathing): While this material has a low degree of toxicity, inhaling of large amounts of mists or vapors may cause irritation of mucous membranes, nervous system depression (drowsiness, fatigue, motor coordination loss), nausea and headaches. Prolonged or repeated exposure to mists or vapor may damage peripheral nerves. Respiratory symptoms, associated with pre-existing conditions, may be exaggerated upon exposure to this material.

Ingestion: While this material has a low degree of toxicity, ingestion of excessive amounts may cause irritation of the digestive tract. Signs of nervous system depression (dizziness, fatigue, drowsiness motor coordination loss), and nausea may develop.

Comments: This material has not been identified as a carcinogen, or probable carcinogen by NTP, IARC or OSHA. Pre-existing peripheral nerve disorders may be aggravated by exposure to this material. Persons with pre-existing heart disorders may be more susceptible to irregular heartbeats if exposed to high concentrations of this material (see Section II Note to Physician). Reports have associated repeated and/or prolonged exposures to solvents with permanent brain or nervous system damage (sometimes referred to as Solvent or Painter's Syndrome). Intentional misuse by deliberately concentrating and inhaling this material may be harmful or fatal.

Section 4 ... Special Protection Information

Ventilation: If existing ventilation is inadequate to maintain airborne concentration below prescribed exposure limits (see Section 1), additional ventilation or exhaust systems may be needed.

Respiratory Protection: If airborne concentrations exceed prescribed exposure limits, use a respirator or gas mask, with appropriate cartridges and canisters (NIOSH approved), or mask with an air supply.

Protective Gloves: We recommend the use of gloves which are impermeable to the specific hazardous materials present in this product. Also safety glasses or goggles should be worn while using this product.

Section 5 ... Reactivity Data

Stability: Stable.

Hazardous Polymerization: Will not occur.

Incompatibility (material to avoid): Strong acids or bases, strong oxidizers, amines.

Hazardous Decomposition: Will not occur.

Section 6 ... Spill or Leak Procedures

Precautions in Case of Release or Spill: Stay upwind from spill. Keep all ignition sources away from spill area. Ventilate spill area. Absorb with absorbent. Keep out of waterways.

Waste Disposal Method: Dispose of in accordance with all Local, County, State and Federal regulations.

Section 7 ... Handling and Storage Precautions

Keep containers closed in a cool environment. Product should be stored above 60°F since lactones may crystallize at lower temperatures. Avoid all sources of heat, spark or other ignition. Use and store with proper ventilation. Avoid direct contact and inhalation of vapors. Practice good hygiene. Empty containers can be dangerous and should be so treated. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose to heat, sparks or other ignition sources; they may explode and cause injury or death. Empty drums should be properly drained and returned to Supplier or to a drum reconditioner. All other containers should be disposed of in an environmentally sound manner.

Section 8 ... Fire and Explosion Hazard Data

Hazard Class:

Health: 1

Flammability: 0

Reactivity: 0

Personal Protection: B

Hazard Rating Scale: 0=minimal, 1=slight, 2=moderate, 3=high, 4=extreme

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24 Hrs. per day, 7 days per week

*Patent Pending

Section 8 ... Fire and Explosion Hazard Data continued

Explosive Limits (volume %):

Lower: N/A

Upper: N/A

Flash Point: N/A

Extinguishing Media:

Dry chemical, carbon dioxide, and universal type foam.

Fire and Explosion Hazards:

May form carbon dioxide and carbon monoxide.

Fire Fighting Procedures:

Use of Self Contained Breathing Apparatus (SCBA) is recommended for Firefighters. Water spray may be useful to cool nearby containers and to minimize vapor. Avoid spreading burning liquid with the cooling water.

Section 9 ... Physical Data

Boiling Point (approx.):	>212° F	Vapor Density:	Not Determined
Evaporation Rate (n-butyl acetate=1.0):	<1.0	% Volatile:	<100
Vapor Pressure (in mm mercury):	18	% Water Soluble:	>95%
Specific Gravity (9.84 lb/gal):	1.18	Odor:	Characteristic
Appearance:	Clear Liquid	Melting Point:	NA
pH:	2.5	VOC (lb/gal):	0.02

Section 10 ... Regulatory Information

US Federal Regulations:

TSCA (Toxic Substances Control Act) Status (United States): The international ingredients of this product are listed.

CERCLA RQ – 40 CFR 302.4 (a): None listed.

SARA 302 Components – 40 CFR 355 Appendix A: None.

Section 311/312 Hazard Class – 40 CFR 370.2:

(X) Immediate () Fire (X) Delayed () Reactive () Sudden Release of Pressure

SARA 313 Components – 40 CFR 372.65: None.

OSHA Process Safety Management - 29 CFR 1910: None listed.

EPA Accidental Release Prevention – 40 CFR 68: None listed.

International Regulations:

Inventory Status DSL (Canada): The international ingredients of this product are listed.

Warning: This product contains Trisodium Nitrotriacetate, which is listed by IARC and NTP as a potential carcinogen. The concentration is less than 0.02%.

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