

Energy Beam Sciences Inc.
29-B Kripes Rd.
East Granby, CT 06026
Tel: 860.653.0411
Toll Free: 800.992.9037
Fax: 860.653.0422

EBS Part # H2808 1 Gallon
H2809 4 x 1 Gallon
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EMERGENCY NUMBERS

Chem-Tel Inc.	800.255.3924	<i>For product emergency</i>
	24 Hours	
Chem-Tel International Call Collect	813.977.3668	<i>For product emergency</i>
	24 Hours	

SECTION I — INGREDIENTS

Glyoxal (CAS# 107-22-2)

Ethanol (CAS# 64-17-5)

Microwave enhancing ingredients (proprietary)

None of the ingredients is listed as a carcinogen or potential carcinogen by OSHA, NTP or IARC.

SECTION II — PHYSICAL AND CHEMICAL DATA

Boiling Range	185-220°F (85-104°C)
Solubility in water:	Complete
pH:	3.75 - 4.25
Appearance/Odor:	Clear, colorless to very slightly yellowish liquid/mild alcohol odor
Conditions/materials to avoid:	Do not heat above 105°F (85°C). Avoid mixing with strong oxidants
Hazardous decomposition products:	None
Hazardous polymerization:	None

SECTION III — FIRE AND EXPLOSION DATA

Flash point (closed cup):	103°F (~ 40°C)
Extinguishing media:	Water spray, alcohol foam, dry chemical, or carbon dioxide
Unusual fire and explosion hazards:	None
Firefighting procedure:	Firefighters should wear self-contained breathing apparatus and full protective clothing. Use water to cool nearby containers and structures exposed to fire.

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SECTION IV — HEALTH HAZARD INFORMATION

PEL:	0.1 mg/m ³ for glyoxal aerosols (ACGIH); 1000 ppm TWA for ethanol (ACGIH and OSHA).
Effects of overexposure:	This product is a fixative, and will fix users' skin and eyes. It is an irritant in that regard, and prolonged, repeated or extensive contact with skin should be avoided. Avoid all contact with eyes. Ingestion could cause damage to the gastrointestinal system.
FIRST AID	
Eye contact:	Immediately flush eyes with lukewarm water for at least 30 minutes. If irritation persists after washing, consult a physician.
Skin contact:	Remove contaminated clothing. Wash skin with mild soap and warm water. Flush 15-30 minutes with water. For mild irritation, apply a good quality skin lotion. For more severe conditions, consult a physician.
Inhalation:	If overcome by exposure remove the person to fresh air immediately. Call a physician if symptoms persist.
Ingestion:	Contact poison control center and obtain medical attention immediately.

SECTION V — PROTECTIVE EQUIPMENT

Respiratory:	General room ventilation is adequate with general laboratory quantities. During an emergency condition involving a large spill, a full faceplate respirator equipped for organic vapors is recommended.
Ventilation:	For use at room temperature, general room ventilation should be adequate. When using in a microwave processor, use mechanical ventilation via a chemical fume hood or directly to the outside.
Eye:	Use splashproof goggles.
Skin:	Use nitrile gloves. Latex surgical gloves provide dubious protection against any chemical.

SECTION VI — SPILL AND DISPOSAL INFORMATION

Handling/Storage:	Store only in tightly closed containers. Store at standard room temperature.
Spills:	Use a sponge to soak up small spills, washing contaminated area with water. Wear appropriate gloves. For larger spills, use any absorbent material appropriate for liquid spills.
Waste Disposal methods:	PRESERVE has a low level of aquatic toxicity and will not inhibit bacteria in effluent if properly introduced into a biological treatment facility. In most municipalities, PRESERVE can be discarded down the drain. Check with local waste water treatment facilities for final approval.