

# MATERIAL SAFETY DATA SHEET

Bio Chem, Inc.  
P.O. Box 521925  
SLC, UT84152 - USA



GENERAL INFORMATION NUMBER: 1-800-653-9795

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## I - Product Identification

### Zap-It Ultimate

PRODUCT CODE: 0155

CHEMICAL FORMULATION: Glyphosate solution.

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0  
HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

## II - Hazardous Ingredients

Values reported as TWA unless noted.

SUBSTANCE	APPROX %	OSHA PEL	ACGIH TLV	EPA 40 CFR:			CAS #
				302 372	355		
Glyphosate	18.0	N/A	N/A	N	N	N	1071-83-6

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 (40 CFR 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).

## III - Physical Data

BOILING POINT (°F): 212 SPECIFIC GRAVITY (WATER = 1): 1.07  
VAPOR PRESSURE (mm Hg): 25-30 VOC CONTENT (% by weight): > 80.0  
VAPOR DENSITY (AIR = 1): > 1.0 EVAPORATION RATE (WATER = 1): < 1.0  
SOLUBILITY IN WATER: Soluble pH: N/A  
APPEARANCE AND ODOR: Clear, viscous amber liquid, slight amine odor.

## IV - Fire and Explosion Hazard Data

FLASH POINT (°F): None (TEST METHOD): Closed cup  
FLAMMABLE LIMITS IN AIR (VOLUME %) UPPER: N/A LOWER: N/A  
EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical.  
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with full protective gear including self-contained breathing apparatus. Fire may produce hazardous vapors. Minimize the amount of water used to fight fire, as runoff may produce pollution. Contain runoff for proper disposal  
UNUSUAL FIRE AND EXPLOSION HAZARD: None.

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**V - Reactivity Data**

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**STABILITY:** Stable

**INCOMPATIBILITY:** This product should be mixed, stored and applied only in stainless steel, aluminum, fiberglass, plastic and plastic lined containers. Do not mix, store or apply this product in galvanized steel or unlined steel (except stainless steel) containers or spray tanks.

**CONDITIONS TO AVOID:** None.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** None

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**VI - Health Hazard Data**

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**ROUTES OF ENTRY**    **INHALATION:** X    **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:** Mild irritation.

**IF ON SKIN:** Prolonged exposure can cause irritation or redness.

**IF SWALLOWED:** Gastrointestinal irritation, nausea, diarrhea, dizziness.

**IF INHALED:** Irritation of 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. If irritation persists, obtain medical attention.

**IF ON SKIN:** Wash with soap and water.

**IF SWALLOWED:** Contact physician or poison control center immediately. Give person several glasses of water. Never give anything by mouth to an unconscious person.

**IF INHALED:** Remove person to fresh air.

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**VII - Spill or Leak Protection**

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**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Contain spill. Soak up on absorbent material and store in a properly labeled, closed container for proper disposal.

**WASTE DISPOSAL METHOD:** Consult local environmental authorities.

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**VIII - Special Protection Information**

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**RESPIRATORY PROTECTION:** Use in a well ventilated area.

**VENTILATION**

**LOCAL:** Recommended

**MECHANICAL:** Not required

**PROTECTIVE GLOVES:** Rubber gloves.

**EYE PROTECTION:** Chemical glasses

**OTHER PROTECTIVE EQUIPMENT:** Emergency shower and eye wash station.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry place. Keep container tightly closed when not in use. Do not contaminate water, food feed, or seed by storage or disposal. Wash thoroughly after handling.

**OTHER PRECAUTIONS:** Keep out of reach of children.

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**IX - Transportation Information (ground transportation only)**

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**DOT PROPER SHIPPING NAME:** None

**DOT CLASS:** None

**DOT ID NUMBER:** None

**DOT PACKING GROUP:** None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

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