

# LT BioSyn, Inc.

## Material Safety Data Sheet

### Section 1 - Chemical product and Company identification

Company: LT BioSyn, Inc, 3406 Pomona Blvd, Pomona, CA 91768, USA  
Tel: 909-348-5133 Chemtrec: 800-424-9300  
Product name: GA<sub>3</sub> 20% WP  
Molecular formula: C<sub>19</sub>H<sub>22</sub>O<sub>6</sub>  
Molecular weight: 346.38  
Product use: Plant Growth Regulator

### Section 2 - Composition/Information on Ingredients

Material	% by weight	ACGIH Other	OSHA TLV	NTP/IARC/OSHA Carcinogen
Gibberellic Acid	20%	None established	None established	None established

### **Section 3: Physical properties**

Physical state: Solid white powder  
Flammability/  
Flash point: Not determined  
pH: 2.94  
Density: Pour – 0.771 g/mL; Tap – 0.941 g/mL  
Viscosity: N/A  
Vapor pressure: Not determined

### **Section 4: Hazards Identification**

Emergency Overview: Eye irritant. Target organs include the eyes and respiratory system.  
Potential Health Effects: This product may cause eye irritation.

### **Section 5: First Aid Measures**

If in eyes: Immediately flush eyes with plenty of water for at least 15 minutes. If redness, itching or a burning sensation develops, have eyes examined and treated by medical personnel.  
If on skin: Immediately wash material off the skin with plenty of soap and water. If unable to wash immediately or tingling, numbness or a burning sensation develops apply skin cream or an oil-based solution to the affected area. If irritation persists, get medical attention.  
If swallowed: Provided the patient is conscious, wash out mouth with water. Immediately contact medical personnel or an emergency facility. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomitus, rinse mouth and administer water.  
If inhaled: Remove victim to fresh air. If not breathing, giving artificial respiration, preferably mouth to mouth. If breathing is labored, give oxygen. Obtain medical attention.

Provide symptomatic/supportive care as necessary.

### **Section 6: Fire and Explosion data**

Extinguishing Media: Use dry chemical, carbon dioxide, water spray or foam.  
Procedures: Wear protective clothing and self-contained breathing apparatus  
Unusual fire/Explosion hazards: None known

### **Section 7: Toxicological information**

ORL-RAT LD50: 6300 mg/kg 85ARAE 3,43,1976/1977  
ORL-MUS LD50: 8500 mg/kg YKYUA6 30,623,1979  
SKN-RBT LD50: >2 g/kg FMCHA2 -,C268,1991

Only selected Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information.

**Section 8: Exposure Controls/Personal Protection**

Field Application: Refer to product label.

**Section 9: Disposal considerations**

Disposal method: Do not contaminate waterways by cleaning of equipment or by disposal of wastes. Observe all Federal, State, and local regulations.

Container disposal: Empty container retains product residue. Observe all hazard precautions. Do not distribute or make available, furnish or reuse empty container except for storage and shipment of original product. Remove all product residues from container and puncture or otherwise destroy empty container before disposal.

**Section 10: Handling and Storage**

Storage conditions: Avoid excessive storage temperatures and direct sunlight

Spill or release procedures: Recover product and place in appropriate container for disposal. Avoid raising dust. Ventilate and wash area.

Waste disposal: Dispose of product in accordance with federal, state and local regulations.

**Section 11: Transport information**

DOT Shipping Name: Plant Growth Regulator N.O.S.

International Air Transport Association (IATA): Not Regulated

International Maritime Organization (IMO): Not Regulated

Hazard Classification (0-minimal, 1-slight, 2-moderate, 3-serious, 4-severe)

NFPA: HEALTH-1      FIRE-0      REACTIVITY-0

HMIS: HEALTH-1      FIRE-0      REACTIVITY-0

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