



## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Fast Acting Gypsum PLUS AST™

**Manufacturer:** Gro Tec, Inc  
PO Box 290  
Madison, GA 30650

**24-Hour Emergency Telephone Number:** CHEMTREC 1-800-424-9300

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

<b>Component</b>	<b>Percent</b>
Calcium Sulfate Dihydrate	98
Anionic Polyacrylamide Emulsion	2

This product contains gypsum and silica as naturally occurring components of minerals.

## 3. HAZARDS IDENTIFICATION

<u>General:</u>	Crystalline silica. Routes of entry into the body include skin contact, inhalation, ingestion, and eye contact.
<u>Emergency Overview:</u>	Brownish colored granules. Possible nuisance dust may be present with application of this product.
<u>Threshold Limit Value:</u>	OSHA Limits: Total =15 Respirable = 5
<u>Signs &amp; Symptoms of Exposure:</u>	Acute Overexposure may irritate respiratory system, eyes and skin.
<u>Chronic Overexposure:</u>	May cause pneumoconiosis
<u>Medical Conditions Generally Aggravated by Exposure:</u>	Existing respiratory system disease(s), existing skin or eye conditions
<u>OSHA Permissible Exposure Limit:</u>	5 Respirable, 15 Total ACGIH Threshold 10 Total, 5 Respirable
<u>National Toxicology:</u>	The International Agency for Research on Cancer (IARC) classifies crystalline silica inhaled in the form of quartz or cristobalite from occupational sources as carcinogenic to humans, Group 1. The National Toxicology Program (NTP) classifies respirable crystalline silica as a substance which may be reasonably anticipated to be a carcinogen.
<u>OSHA:</u>	OSHA does not regulate crystalline silica as a human carcinogen.



4. FIRST AID MEASURES

Eye Exposure: Check for and remove contact lenses. The exposed eyes should be washed immediately with large amounts of water, occasionally lifting upper and lower lids, for at least 30 minutes until no evidence of chemical remains. If irritation persists, seek medical attention.

Skin Exposure: Irrigate affected skin areas with soap or mild detergent and large amounts of water for at least 15-20 minutes until no evidence of chemical remains. If irritation or pain persists, seek medical attention.

Ingestion: Medical attention should be obtained immediately. Immediately dilute with 4 to 8 ounces (120 to 240 ml) of milk or water (not to exceed 15 ml/kg in a child).

Inhalation: Move victim to fresh air. Monitor for respiratory distress. Keep victim warm and at rest. If respiratory difficulties persist, seek medical attention.

5. FIRE FIGHTING MEASURES

Flashpoint: Not Applicable.

Flammable Limits: Not Applicable.

Fire Fighting Instructions: Extinguish fire with water spray and CO2. Avoid breathing vapors or dusts and stay upwind.

6. ACCIDENTAL RELEASE MEASURES

Dry Spills: Sweep up granules. Avoid contact with skin, eyes, or breathing dusts.

7. HANDLING AND STORAGE

Handling: Wash after handling.

Storage: Material should be stored in original container in a cool, dry area. Store away from food or foodstuffs, other chemicals, and out of reach of children and animals.

8. EXPOSURE CONTROLS /PERSONAL PROTECTION

Engineering Controls: Typical applications require no engineering controls.

Eye protection: Typical applications usually require no protective eyewear. Do avoid direct eye contact.

Hand and body: Protective gloves are recommended.

Respiratory protection: If nuisance dust levels are high, use NIOSH approved respirator with dust/mist cartridges or dust mask.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Brownish colored granules
Molecular Weight:	No data available
Odor:	Earthy odor
Boiling Point:	Not Applicable
Melting Point:	Not Applicable
Freezing Point:	Not Applicable
Density/Specific Gravity:	Not Applicable
Evaporation Rate:	Not Applicable
Viscosity:	Not Applicable
LFL/UFL:	Not Applicable
Vapor Pressure:	Not Applicable
Solubility in Water:	Not Soluble
Volatile by Weight:	Not Applicable
pH:	Not Applicable
Flash Point:	Not Flammable

## 10. STABILITY AND REACTIVITY

Stability: Product is stable.

Reactivity: None known.

Hazardous polymerization has not been reported to occur.

## 11. TOXICOLOGICAL INFORMATION

Crystalline silica listed as carcinogen:      NTP: Yes      IARC: Yes      OSHA: No

## 12. ECOLOGICAL INFORMATION

No information is available.

## 13. DISPOSAL CONSIDERATIONS

Dispose of waste materials only in accordance with applicable federal, state and local regulations.

## 14. TRANSPORT INFORMATION

<u>DOT:</u>	Not Regulated
<u>Hazard Class:</u>	None
<u>Identification Number:</u>	None



## 15. REGULATORY INFORMATION

TSCA Status: Not listed.  
CERCLA Section 103: Not listed.  
SARA Title III: Not listed.

Some states may have individual components of product listed, check any specific state regulations that may apply.

## 16. OTHER INFORMATION

NFPA Hazard Classification: as follows.

Health - 1. 1 Can cause irritation.

Flammability - 0. 0 = Normally not flammable. Will not burn.

Reactivity - 0. 0 = Normally stable. Not reactive with water.

### **ABBREVIATIONS**

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstract Service
DOT	Department of Transportation
IARC	International Agency for Research on Cancer
IDLH	Immediately Dangerous to Life or Health
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
TLV	Threshold Limit Value
TWA	Time-Weighted Average