

Material Safety Data Sheet

Product Name: Gordon's Jump-Shot Plant Starter 3-10-3

MSDS No.: 407-5

Version No.: 007

EPA Registration No.: N/A

1. Basic Information:

Manufacturer: PBI/Gordon Corporation
Address: 1217 West 12th Street
City, State Zip: Kansas City, MO 64101-1407
Information Contact: Environmental, Health, & Safety Dept.
Information Telephone Number: (816)421-4070
Emergency Contact: Chemtrec
Emergency Telephone Number: (800)424-9300



1	Health
0	Flammability
0	Reactivity
B	Pers. Protection

Last Update: 8/10/00

Chemical State: Liquid Gas Solid
 Chemical Type: Pure Mixture

2. Ingredients:

Trade Secret (ND = Not Disclosed)

CAS No.	Chemical Name	% Range	EHS		IARC		SARA 313		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z						
4080313	1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaad amantane chloride	0.1%	N	N	N	N	Y	NI	NI	NI	
7722761	Ammonium phosphate	8.1%	N	N	N	N	N	NI	NI	NI	
7783280	Ammonium phosphate, dibasic	9.3%	N	N	N	N	N	NI	NI	NI	
7705080	Ferric chloride	0.3%	N	N	N	N	N	NI	NI	NI	
7447407	Potassium Chloride	5.0%	N	N	N	N	N	NI	NI	NI	
7733020	Zinc sulfate	0.3%	N	N	N	N	N	NI	NI	NI	

3. Hazardous Identification:

Hazard Category:

Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

Clear liquid; no odor.

Irritant. Contact with eyes may cause burns.

4. First Aid Measures:

Route(s) of Entry:

Contact, inhalation, ingestion.

Health Hazards (Acute and Chronic):

EYES: Contact may cause irritation or burns.

SKIN: Contact may cause irritation.

INHALATION: May irritate respiratory tract.

INGESTION: May irritate gastrointestinal tract.

Signs and Symptoms:

NI

Medical Conditions Generally Aggravated by Exposure:

NI

Emergency First Aid Procedure:

EYES: Flush eyes with clean water for 10-15 minutes. If irritation persists, seek medical attention.

SKIN: Bathe and shampoo with soap and water to remove chemicals from skin and hair. If irritation persists, seek medical attention. Launder

First Aid Measures (Continued)

contaminated clothing separately prior to reuse.

INHALATION: Remove victim to fresh air; apply artificial respiration if needed. Call a physician.

INGESTION: If swallowed, drink as much water as can be tolerated. Call a physician or Poison Control Center.

Other Health Warnings:

NI

5. Fire Fighting Measures:

Flash Point: 103°F **F.P. Method:**

Lower Explosive Limit: NI

Upper Explosive Limit: NI

Fire Extinguishing Media:

Foam, CO₂, dry chemical, water spray. The low flash point of this product is due to a minor component in the mixture. Based on independent laboratory testing of similar products, this product would not sustain combustion as specified in DOT Regulation 49 CFR 173 Appendix H, and, therefore, would not be classified as a combustible liquid.

Special Fire Fighting Procedures:

None.

Unusual Fire and Explosion:

None. This product has a low flash point, but is not expected to sustain combustion due to high water content.

6. Accidental Release Measures:

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Accidental Release Measures (Continued)

Steps to be Taken in Case Material is Released or Spilled:

Do not touch spilled product. See Section 8 for Personal Protective Equipment. Contain spill with absorbent and collect into drums. Cover and label the waste containers for proper disposal.

7. Handling and Storage:

Precautions to be Taken:

Store in original container in locked storage area inaccessible to children and pets. Keep from freezing.

Other Precautions:

NI

8. Exposure Controls/Personal Protection:

Ventilation Requirements:

Local exhaust.

Personal Protective Equipment:

PROTECTIVE CLOTHING: Wear long sleeves and pants; chemical-resistant gloves and shoes with socks.

EYE PROTECTION: Safety glasses with side shields or safety goggles.

RESPIRATORY PROTECTION: If exposure limits may be exceeded, wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R, P or HE filter.

9. Physical and Chemical Properties:

Boiling Point: 214°F Melting Point: NI

Evaporation Rate (Butyl Acetate = 1): NI

Vapor Pressure (mm Hg.): <17@25°C

Vapor Density (Air = 1): >1

Specific Gravity (H₂O = 1): 1.16710

Solubility in Water: Infinitely soluble.

Appearance and Odor: Clear liquid; no odor.

Other Information:

NI

10. Stability and Reactivity:

Stability:

Stable.

Incompatibility (Materials to Avoid):

NI

Decomposition/By-Products:

None.

Hazardous Polymerization:

Will not occur.

11. Toxicological Information:

Acute oral LD50: >20,000 mg/kg body weight.

12. Ecological Information:

No ecological information available.

13. Disposal Considerations:

Disposal Considerations (Continued)

Dispose of DOT drums and contaminated absorbent according to Local, State and Federal regulations.

14. Transport Information:

The following guidelines apply for domestic ground transport. If shipping by air or ocean, please contact our Transportation Dept.

Freight Class: Fertilizers, NOI - NMFC #68140

In our current available sizes, this product does not qualify as a Hazardous Material.

15. Regulatory Information:

OSHA STATUS: This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA STATUS: All the ingredients in this mixture are on the TSCA Chemical Substances Inventory or are exempt.

CERCLA REPORTABLE QUANTITY: 333333 pounds of the formulation which contains 1000 pounds of Zinc Sulfate

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: None

SECTION 311/312 HAZARD CATEGORIES: Immediate Health Hazard

SECTION 313 TOXIC CHEMICALS: Ferric Chloride CAS# 7705-08-0, Zinc Sulfate CAS# 7733-02-0

RCRA STATUS: If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

16. Other Information:

REASON FOR ISSUE: To revise MSDS to the ANSI Z400.1-1998 format

NOTE: NI means not indicated.

The information and statements in this Material Safety Data Sheet are believed to accurately reflect the scientific evidence used in making the hazard determination, but is not to be construed as a warranty or representation for which we assume legal responsibility. Additional information may be necessary or desirable depending on particular, exceptional or variable conditions or circumstances of use or storage or because of locally applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information available to you and must make independent determinations of the suitability of the information for your particular circumstances or conditions and of the completeness of the information available from all sources to assure both the proper use of the material described herein and the safety and health of employees.