

**MSDS - Material Safety Data Sheet****Product Name: PSD II Complex (Sure Grow 100)**

MSDS No.: 0042

**I. Basic Information:****Manufacturer:** Pegasus Laboratories, Inc.**Address:** 8809 Ely Road**City, ST Zip:** Pensacola, FL 32514**Emergency Contact:** Chemtrec**Emergency Telephone Number:** 800-424-9300**Contact:** Carl Causey**Information Telephone Number:** 850-478-2770**Last Update:** 02/20/2003**Chemical State:**  Liquid  Gas  Solid**Chemical Type:**  Pure  Mixture

1	Health
1	Flammability
0	Reactivity
	Pers. Protection

**II. Ingredients:** Trade Secret

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB	Z	313				
50997	Dextrose	35-45							NI	NI	NI
7757939	Dicalcium phosphate	30-40							NI	NI	NI
14808607	Quartz ( Silica-crystalline)	0.2-0.6	X	X	X				0.3mg/m3	.05mg/m3	NI
57114	Stearic acid	2-6							NI	NI	NI

**III. Hazardous Identification:****Hazard Category:**
 Acute
  Chronic
  Fire
  Pressure
  Reactive
**Hazardous Identification Information:**

Prolonged inhalation of silicon dioxide dust can cause fibrosis of the lungs (silicosis).

Crystalline silica (quartz) is classified as IARC-1, a category used when there is sufficient evidence of carcinogenicity in humans; also a NTP-K classification, "known to be a human carcinogen" exists. It is also a California Proposition 65 carcinogen.

Large oral doses of stearic acid may cause irritation to the gastrointestinal tract and may cause intestinal obstruction.

**IV. First Aid Measures:****Route(s) of Entry:**

Contact, Inhalation, and Ingestion

**Health Hazards (Acute and Chronic):**

Eyes: Eye contact with product may cause irritation and redness.

Skin: Contact with skin may cause irritation and defatting.

Inhalation: Inhalation may cause irritation, headache, nausea, and drowsiness.

Ingestion: Ingestion may cause irritation and nausea if administered in dosages other than prescribed.

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### Signs and Symptoms:

NI

### Medical Conditions Generally Aggravated by Exposure:

NI

### Emergency and First Aid Procedures:

Eyes: Immediately flush eyes with large quantity of water for 10-15 minutes. Get medical attention.

Skin: Flush skin with plenty of water for at least 15 minutes, while removing contaminated clothing. Thoroughly clean clothing and shoes before reuse.

Inhalation: Immediately move victim to fresh air.

Ingestion: For an overdose, have victim drink water or milk to dilute. Call a physician immediately. Induce vomiting only if advised by a physician.

### Other Health Warnings:

NI

## V. Fire Fighting Measures:

Flash Point: NI

Lower Explosive Limit: NI

Upper Explosive Limit: NI

F.P. Method: NI

### Fire Extinguishing Media:

Dry chemical, water spray/fog, foam and carbon dioxide.

### Special Fire Fighting Procedures:

Prevent human exposure to fire, fumes, smoke, and products of combustion. Evacuate non-essential personnel. Firefighters should wear full-face, self-contained breathing apparatuses and protective clothing. Prevent pollution of ground water from fire control run-off.

### Unusual Fire and Explosion:

NI

## VI. Accidental Release Measures:

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

In case of spills, contain and dispose of in accordance with federal, state, and local regulations. Ventilate spill area and flush area with water.

## VII. Handling and Storage:

### Precautions to be Taken:

Protect container against physical damage. Store in cool dry area, inaccessible to children and pets.

### Other Precautions:

NI

## VIII. Exposure Controls/Personal Protection:

### Ventilation Requirements:

Handle in well-ventilated area. Where excessive exposure is likely, use NIOSH/MSHA approved protection equipment.

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Wear gloves and protective clothing if there is potential for prolonged/repeated skin contact. Wear safety glasses and chemical safety goggles whenever there is the possibility of contact with the eye.

### IX. Physical and Chemical Properties:

Boiling Point: NI

Melting Point: NI

Evaporation Rate (Butyl Acetate = 1): NI

Vapor Pressure (mm Hg.): NI

Specific Gravity (H2O = 1):

Vapor Density (AIR = 1): NI

Solubility In Water: Partially soluble.

Appearance and Odor: Large dark brown, mottled tablet.

Other Information:

### X. Stability and Reactivity:

Stability:

Stable

Incompatibility (Materials to Avoid):

Avoid contact with bleaching agents and oxidizers.

Decomposition/By Products:

If product is burned, carbon monoxide, carbon dioxide, and miscellaneous organic compounds are produced (some potentially toxic).

Hazardous Polymerization:

Will Not Occur.

### XI. Toxicological Information:

NI

### XII. Ecological Information:

NI

### XIII. Disposal Considerations:

Dispose of at an approved facility in accordance with applicable regulations under RCRA and in accordance with all federal, state, and local regulations.

### XIV. Transport Information:

NI

### XV. Regulatory Information:

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

TSCA STATUS: The ingredients of this product are listed in the TSCA inventory.

CERCLA REPORTABLE QUANTITY: None

### SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: None

SECTION 311/312 HAZARD CATEGORIES: Immediate and delayed health hazards.

SECTION 313 TOXIC CHEMICALS: None

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)

### ***XVI. Other Information:***

Reason for Issue: New MSDS in the ANSI Z 400.1-1998 format.

NI=Not Indicated.

>=Greater Than.

The information and statements in this Material Safety Data Sheet are believed to accurately reflect the scientific evidence used in making the hazard identification 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 circumstance 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.