

SAFETY DATA SHEET

Section 1: Identification

Product Name: Goonie Grains

Chemical Name/Synonyms: Goonie Grains

Recommended use and restrictions: A mixture used as growth media for the cultivation of mushrooms and other related fungi. Use as directed on product labeling.

Company:

Pacific Substrates

6116 NW 178th St.

Edmond, OK

73012

(405) 252-1207

In emergency call 911.

For information about this SDS, contact: Aaron Rieder - (734) 673-8569

Section 2: Hazard(s) Identification

Hazard Classification: Nuisance Dust, Skin Irritant

Signal Word(s): Warning

Hazard Statements: May cause skin irritation. May cause eye irritation. May cause respiratory irritation.

Pictograms:



Precautionary Statements: Wear protective glove and eye protection. Wash exposed skin thoroughly after handling. Do not breath dusts or mists. Do not eat, drink or smoke while manually handling this product. Use only outdoors or in a well-ventilated area. Do not handle until all safety precautions have been read and understood.

If on skin: wash exposed skin with plenty of water. If skin irritation occurs get medical attention. Take off contaminated clothing and wash it before reuse.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If irritation persists, seek medical attention immediately.

If inhaled: Remove person to fresh air and monitor breathing. If breathing difficulty occurs get medical attention.

If exposed, concerned, unwell or irritation of the eyes, skin, moth or throat/nasal passage persist: Get medical attention immediately.

Avoid creating dust when handling, using or storing.

Description of other hazards: Not applicable

Section 3: Composition/ Information on Ingredients

Chemical Name	Synonym	CAS#	Conc.
Whole Oats		Not applicable	Trade Secret
Milo		1318-00-9	Trade Secret
Water	H ₂ O	7732-18-5	Trade Secret
Powdered Gypsum	Calcium (II) Sulfate Dihydrate, Calcium (II) Sulfate Anhydrate	13397-24-5, 141798-04-0	Trade Secret
Dolomitic Lime	Calcium Carbonate	1317-65-3	Trade Secret

Section 4: First-Aid Measures

After skin contact: Flush and wash skin with soap and water. Seek medical attention if irritation persists.

After eye contact: Immediately flush with water for 15 minutes. Remove contact lenses (if applicable). Seek medical attention if irritation persists.

After inhalation: Remove exposed individual to fresh air immediately. If breathing difficulty persists, seek medical attention.

After swallowing: Seek medical attention immediately. Do not induce vomiting. Never give anything by mouth unless instructed to do so by medical personnel.

Section 5: Fire-Fighting Measures

Suitable extinguishing agents: Use extinguishing media appropriate for surrounding material.

Special protective equipment for firefighters: None known

Section 6: Accidental Release Measures

Personal precautions: Wear gloves and eye protection during cleanup of bulk material spills
Measures for environmental protection: This material does not pose an ecological hazard to the environment; however, care should be taken to avoid release into sewers and waterways when possible and safe do to so.
Measures for cleaning/collecting: Avoid the generation of dusts. Material may be wetted to limit dust creation.

Section 7: Handling and Storage

Handling: Keep in manufacturers packaging. Protect from physical damage. Avoid direct skin contact and respiration of the material.
Storage: Store in a cool, dry and well-ventilated location.

Section 8: Exposure Controls/Personal Protection

Chemical Name	OSHA PEL	NIOSH REL (total)	ACGIH TLV	CAL/OSH PEL
Calcium Sulfate Dihydrate, CaSO ₄ * 2H ₂ O	5 mg/m ³ (respirable fraction), 15 mg/m ³ (total)	5 mg/m ³ (resp), 10 mg/m ³ (total)	10 mg/m ³ (inhalable particulate matter)	5 mg/m ³ (respirable fraction), 10 mg/m ³ (total dust)
Calcium Carbonate	5 mg/m ³ (respirable fraction), 15 mg/m ³ (total)	5 mg/m ³ (resp), 10 mg/m ³ (total)	Withdrawn {2007} - Insufficient data	5 mg/m ³ (resp), 10 mg/m ³ (total)

General protective and hygienic measures: Provide ventilation adequate to maintain PELs. Maintain moisture content of material to limit dust production.
Breathing equipment: Use NIOSH/MSHA approved respirators if airborne concentration exceeds PEL.
Protection of hands: Use appropriate gloves to prevent skin contact. When there is a risk of skin contact, wear suitable clothing to prevent such contact.
Eye protection: Use safety glasses with side shields or safety goggles. Contact lenses should be avoided when working with this material.

Section 9: Physical and Chemical Properties

Form: Hydrated whole oats and milo with mineral supplement
Odor: Raw grain
Odor threshold: Not available
pH: Not available
Melting point/melting range: Not applicable
Boiling point/boiling range: Not applicable
Flash point: Not applicable
Evaporation rate: Not applicable
Flammability: Not applicable
Upper/lower flammability or explosive limits: Not applicable
Auto ignition temperature: Not applicable
Danger of explosion: Not applicable
Vapor pressure: Not applicable

Vapor density: Not applicable
Relative density: Not applicable
Solubility in/Miscibility with water: Not applicable

Section 10: Stability and Reactivity

Reactivity: Nonreactive
Chemical stability: Stable
Conditions to avoid: None
Incompatible materials: None
Hazardous decomposition products: None

Section 11: Toxicological Information

Acute toxicity: Not applicable
Potential routes of exposure/potential health effects
Skin: Direct contact with material may cause irritation by mechanical abrasion. Some components are also known to cause irritation to skin and mucous membranes.
Eye: Direct contact with material may cause irritation by mechanical abrasion. Conjunctivitis may occur.
Inhalation: If material dries, it can be a source of nuisance dust and particulate. Inhalation of dust and particulate may cause respiratory irritation.
Ingestion: Ingestion may cause gastrointestinal irritation.
Carcinogenic effects: This mixture is not listed by MSHA, OSHA or IARC as a carcinogen
Mutagenic effects: Not applicable
Reproductive toxicity: Not applicable
Target organs: Not applicable

Section 12: Ecological Information (non-mandatory)

Ecotoxicity: None known
Mobility: Not available
Biodegradation: Not available
Bioaccumulation: Not available

Section 13: Disposal Considerations (non-mandatory)

No special disposal considerations are necessary for this material.

Section 14: Transport Information (non-mandatory)

DOT regulations: Not applicable

- **Hazard class:** Not applicable
- **Land transport ADR/RID (cross-border):** Not applicable
- **ADR/RID class:** Not applicable
- **Maritime transport IMDG:** Not applicable

Air transport ICAO-TI and IATA-DGR: Not applicable

- **ICAO/IATA Class:** Not applicable

Section 15: Regulatory Information (non-mandatory)

US Federal Regulations

SARA Section 355 (extremely hazardous substances): Not applicable

SARA Section 313 (specific toxic chemical listings): Not applicable

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs): Not applicable

TSCA (Toxic Substances Control Act): Not applicable

Section 16: Other Information

SDS date of preparation/update: February 26, 2023