

MATERIAL SAFETY DATA SHEET

Product Name: Deep Fusion Micro

Emerald Triangle PO Box 305 Fortuna, CA 95540 707-725-4119 Fax:707-725-3747	HEALTH	0 Normal Material	0 Least 1 Slight 2 Moderate 3 High 4 Severe
	FIRE	0 Will Not Burn	
	REACTIVITY	0 Stable	

1. IDENTIFICATION

Chemical Name: N/A

Chemical Formula: N/A

Chemical Family: N/A

Molecular Weight: N/A

CAS # & Name: N/A

DOT Information: NON-REGULATED INTERNATIONAL
(I.M.O.) NON-REGULATED

Common Name: Deep Fusion Micro

2. PHYSICAL DATA

Appearance: Dark Brown Liquid
Color: Dark Brown
State: Liquid
Odor Characteristics: Molasses
pH: 5-6.2
Viscosity: Unknown
Specific Gravity (Water=1):
Vapor Density (Air=1): 1.25
Vapor Pressure: Unknown

Melting Point:
Boiling Point:
Flash Point:
Freezing Point: 30°F
Percent Volatility:
Evaporation Rate (Bac =1):
Solubility in Water: Soluble
Solubility in Oil: Unknown
Solubility in Acetone: Unknown

3. INGREDIENTS

Material / Components	CAS #:	CAS Name	TLV Units	Apprx. %
Ammonium Molybdate				
Calcium Nitrate, Copper Nitrate, Manganese EDS, Potassium Borate, Potassium Nitrate				
Cobalt Nitrate, Zinc Nitrate				
Iron DTPA, Iron EDDHA, Molasses				

4. FIRE AND EXPLOSION DATA

Flash Point: N/A

Flammable Limits In Air % by volume: N/A

Extinguishing Media: Use dry chemical, carbon dioxide, water spray, fog or foam.

Special Fire Fighting Procedures: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Unusual Fire & Explosion Hazards: Non-combustible. However, some components are powerful oxidizers and can initiate and intensify combustion of flammable materials.

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5. HEALTH HAZARD DATA

Threshold Limit Value: N/A

Effects of Overexposure:

Inhalation: If inhaled, remove to fresh air.

Skin Contact: May cause skin irritation. Prolonged exposure can cause irritation itching and rash.

Ingestion: Harmful if swallowed. Ingestion can cause irritation to the gastrointestinal tract, nausea, vomiting and diarrhea.

Delayed effects: Unknown

Medical Conditions Aggravated by Exposure: Can Cause irritation to skin, eyes and respiratory tract.

6. FIRST AID MEASURES

Inhalation: If inhaled, remove to fresh air.

Skin Contact: Wash with soap and water for at least 15 mins. If irritation persists, consult a physician. Remove contaminated clothing, and wash clothing before reuse.

Eye Contact: Do not allow victim to rub or keep eyes tightly shut. Remove contact lenses, then gently lift eyelids and flush immediately and continuously with flooding amounts of water for at least 15 mins.

Ingestion: If swallowed, give several glasses of water to drink to dilute product. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

NOTES TO PHYSICIAN:

7. REACTIVITY DATA

Stability: Unstable in high temperatures. A strong oxidizer reacts violently upon contact with many organic substances.

Incompatibility (materials to avoid): Chemicals that are strong oxidizing agents that react with strong alkalis to liberate ammonia. They may also react vigorously with reducing materials, oil, and organic solvents.

Hazardous Combustion or Decomposition Products: Oxides of nitrogen.

Hazardous Polymerization: Does not occur.

Conditions to Avoid: Mixture with incompatible, high temperatures

8. SPILL OR LEAK PROCEDURES

Actions to take for Leaks & Spills: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Waste Disposal Method: This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.

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9. SPECIAL PROTECTION INFORMATION

- Respiratory Protection:** Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator. If respirators are used, OSHA required a written respiratory protection program that includes at least medical certification, training, fit testing, periodic environmental monitoring, maintenance, inspection, cleaning and convenient sanitary storage areas.
- Eye Protection:** When handling KILLER TEA, protective eyewear or goggles should be worn per OSHA regulations (29CFR 1910.134). Contact lenses pose a special hazard. Soft lenses may absorb irritants, and all contact lenses concentrate irritants. Particles may adhere to contact lenses and cause corneal damage.
- Skin Protection:** Avoid contact with skin. Wear gloves when directly handling the product. Wash hands after handling and before eating.
- Other Clothing:** Wear protective clothing when the possibility of skin or clothing contamination may exist.
- Other Equipment:** Handle in accordance with good industrial hygiene and safety practice.
- Engineering Controls:**

10. HANDLING AND STORAGE

- Special Precautions:** Avoid ingestion, skin contact and eye contact.
- Other Precautions:**

11. REGULATORY INFORMATION

- Workplace Classification:** Follow applicable OSHA regulations (29 CFR 1910.120)

12. TOXICOLOGICAL INFORMATION

- Acute Data:** Some chemicals in Deep Fusion Micro are toxic by ingestion. None of the ingredients are known to be carcinogens.
- Reproductive/
Teratology Data** Not Applicable

13. ECOLOGICAL INFORMATION

- Fate in the Environment:** Not expected to be significant.

14. DISPOSAL CONDITIONS

- Procedures:** The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

15. TRANSPORTATION INFORMATION

- DOT Classification:** Not regulated