MATERIAL SAFETY DATA SHEET

Section 1. Company Identification and Product Information			
Product Name or Identity:DM456-Algae Culture Broth			
Manufacturer's Name& Address	**Micromaster Laboratories Private Limited** Unit 38/39, Kalpataru Industrial Estate, Off Ghodbunder Road, Nr. 'R-Mall' Thane (W)-400607. M.S. INDIA.	**Emergency Phone No.:**	9320126789/9833630009/ 9819991103
Reference	According to Regulation (EC) No.1907/2006	**Email:**	sales@micromasterlab.com

Section 2. Composition / Information on Hazardous Ingredients			
Ingredients	**CAS No.**	**Ingredients**	**Grams/Litre**
Sodium Nitrate	7631-99-4	Ammonium chloride	12125-02-9
Calcium chloride	10043-52-4	Ferric chloride	7705-08-0

Section 3. Health Hazard Identification

Hazard : Inhalation and ingestion of, or skin penetration by these substances is harmful to one.s health. Non-recurring, recurring or lengthy exposure to these substances may result in irreversible damage.

Caution : Avoid contact with the human body, including inhalation of the vapours and in cases of malaise consult a doctor.

Section 4. First Aid Measures

Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

In case of swallowing, wash out mouth with water provided person is conscious.

In case of skin contact

flush with copious amounts of water for at least 15 minutes. Remove contaminated clothingandshoes

Incase of eye contact

Wash with copious amounts of water for at least 15 minutes. Assure adequate washingeby separating the eyelids with fingers. In serious conditions, call a physician, show the container or label.

Section 5. Fire and Explosion Hazard Data

Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special fire-fighting procedures. Wear self-containedbreathing apparatus and protective clothing to prevent contact with skin and eyes.

Advice for firefighters

Special fire-fighting procedures. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 6. Accidental Release Measures
Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.
Section 7. Handling and Storage
Handling - Refer to Section 8 Storage - Store below 30°C
Section 8. Exposure Controls / Personal Protection
Wear appropriate Niosh/Msha-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.
Section 9. Physical and Chemical Properties
Appearance : Homogeneous powder Colour : Off white to light yellow
Section 10. Stability and Reactivity
Stability: Product is stable if stored as per the conditions specified under storage of Section No. 7. Product loses its potency/performance above 45°C. **Conditions to avoid**: Heat and light. **Decomposition products**: if product is decomposed toxic fumes of carbon monoxide and carbon dioxide may evolve. Hazardous polymerization will not occur.
Section 11. Toxicological Information
Acute Effects : May be harmful if swallowed. **Exposure can cause :** Stomach pains, vomiting, diarrhea. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals. **RTECS No.** :NO 85 10000 BP 68250 00 For complete information RTECS may be referred.
Section 12. Ecological Information
Data not available
Section 13. Disposal Considerations
On completion of work all used or unusable preparations of this product and derivatives thereof are to be Disposedof by autoclaving and/or by incineration. Dispose of waste in accordance with all applicable Federal, State and local laws.
Section 14. Transport Information
UN No. : Not applicable.

Section 15. Regulatory Information
Risk Phrases : Harmful if swallowed Risk Phrases : Irritating to skin Risk Phrases : Possible risk of irreversible effects Risk Phrases : Harmful : danger of serious damage to health by prolonged exposure through inhalation and if swallowed Safety Phrases : Wear suitable protective clothing and gloves
Significance of signs : Inhalation and ingestion of, or skin penetration by these substances is harmful to one's health. Non-recurring, recurring or lengthy exposure to these substances may result in irreversible damage.
Section 16. Other Information
WARRANTY : This document is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Micromaster Laboratories shall not be held liable for any damage resulting from handling or from contact with the above Product. These suggestions should not be confused with state, municipal or insurance requirements, and constitute no warranty. **DISCLAIMER:** For Laboratory use only. Not for drug, household or other uses.

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