






MATERIAL SAFETY DATA SHEET

Section 1. Company Identification and Product Information			
Product Name or Identity: DM044-Brilliant Green Agar Base, Modified			
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.:	+91 22 25895505/ 25895505 /25894760
Reference:	According to Regulation (EC) No.1907/2006	Email:	micromaster@micromasterlab.com
Section 2. Composition / Information on Hazardous Ingredients			
Ingredients	Grams/Litre	Ingredients	Grams/Litre
Proteose peptone	10.00	Yeast extract	3.00
Lactose	10.00	Sucrose	10.00
Sodium chloride	5.00	*Phenol red	0.08
*Brilliant green	0.0125	Agar	20.00
Final pH (at 25°C) 6.9 ± 0.2			
* Irritant / Harmful material			
	Information on Ingredients Phenol red CAS No. : 143-74-8 R : 36/37/38 S : 26-36 RTECS : SJ 7490000		
	Brilliant green CAS No. : 633-03-4 R : 22-36/38 S : 26-36 RTECS : BP 6825000		
Section 3. Health Hazard Identification			
	Hazard : This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs. Caution : Do not breathe vapours and avoid contact with skin and eyes. Hazard : Inhalation and ingestion of, or skin penetration by these substances is harmful 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			
Emergency / First Aid Procedures: General Information: No special measures required. Ingestion: If swallowed, seek medical attention if symptoms occur. Show physician product label or MSDS. Inhalation: If inhaled, supply fresh air or oxygen. Seek medical attention if breathing becomes labored or difficult. Eye Contact: Rinse opened eye for at least 15 minutes under running water, lifting lower and upper eyelids occasionally. Seek medical attention. Skin Contact: Remove contaminated clothing. Immediately wash with plenty of soap and water for at least			



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15 minutes. Wash clothing before reuse.

Section 5. Fire and Explosion Hazard Data

Flash Point (Method Used): N/A

Flammable Limits: LEL - N/A ; UEL - N/A

Extinguishing Media: Use CO₂, ABC multipurpose dry chemical, or water spray. Fight larger fires with water spray or alcohol resistant foam.

Protective Equipment: No special measures required.

Unusual Fire and Explosion Hazards: During heating or in case of fire, poisonous gases may be produced.

Section 6. Accidental Release Measures

Personal Precautions: Wear suitable protective clothing. Remove contaminated clothing. Ensure good ventilation /exhaustion at the workplace.

Environmental Precautions: Prevent dispersion of material. Wipe up with damp sponge or mop.

Clean-up Methods: Avoid prolonged or repeated exposure. Absorb material, ventilate area, and wash spill site after material has been cleaned up. Avoid inhalation, contact with eyes and skin. Prevent formation of dust.

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 respiratory, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.

Section 9. Physical and Chemical Properties

Appearance : Homogeneous powder

Colour : Light yellow to light pink

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.

Hazardous polymerization will not occur.

Section 11. Toxicological Information

Acute Effects : May be harmful if swallowed.

Exposure can cause : Stomach pains, vomiting, diarrhoea. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

RTECS No. : SJ 7490000 BP 6825000

For complete information RTECS may be referred

Section 12. Ecological Information



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Ecotoxicity Tests: Not known to be hazardous to water. The ecological effects have not been thoroughly investigated, but currently none have been identified.

Section 13. Disposal Considerations

Waste Disposal Method: Dispose in accordance with all applicable federal (40 CFR 261.3), state, and local environmental regulations. Smaller quantities can be disposed of with solid waste.

RCRA Hazardous Waste - No

Contact a licensed professional waste disposal service to dispose of this material if questions arise.

Container Information: Do not remove labels from containers until they have been cleaned.

Section 14. Transport Information

DOT Regulations: Not Regulated

Land Transport ADR/RID (cross-border): Not Regulated

Maritime Transport IMDG: Not Regulated

Marine Pollutant: No

Air Transport ICAO-TI and IATA-DGR: Not Regulated

Section 15. Regulatory Information

Risk Phrases : Irritating to eyes, respiratory system and skin

Risk Phrases : Harmful if swallowed

Risk Phrases : Irritating to eyes and skin

Safety Phrases : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

Safety Phrases : Wear suitable protective clothing



Significance of signs : This symbol designates substances which may have irritant effect on skin, eyes and respiratory organs.



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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