







MATERIAL SAFETY DATA SHEET

Section 1. Company Identification and Product Information			
Product Name or Identity: DM059-Charcoal Agar Base			
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/ 25894681 / 25894760
Date Prepared or Revised:	According to Regulation (EC) No.1907/2006	Email:	micromaster@micromasterlab.com
Section 2. Composition / Information on Hazardous Ingredients			
Ingredients	Grams/Litre	Ingredients	Grams/Litre
Beef heart, infusion from	500.00	Peptic digest of animal tissue	10.00
Yeast extract	3.50	Starch, soluble	10.00
*Charcoal	4.00	Sodium chloride	5.00
Agar	18.00		
pH after sterilization 7.3± 0.2			
* Flammable / Irritant material			
		Charcoal CAS No. : 7440-44-0 R : 36/37-11 RTECS : FF 5250100	S : 16-22-24/25
Section 3. Health Hazard Identification			
	Hazards Identification Hazard : Solid substances which ignite easily after a short-term effect of a source of ignition. Caution : Avoid all contact with all sources of ignition.		
	Hazard : This symbol designates substances which may have an irritant effect on skin, eyes a respiratory organs. Caution : Do not breathe vapours and avoid contact with skin and eyes.		
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 clothing and shoes			
In case of eye contact Wash with copious amounts of water for at least 15 minutes. Assure adequate washing by separating the eyelids with fingers. In serious conditions, call a physician, show the container or label.			
Section 5. Fire and Explosion Hazard Data			



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Extinguishing media

Suitable extinguishing media

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

Special fire-fighting procedures. Wear self contained breathing 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 Protect against physical damage. Ensure good ventilation / exhaustion. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Do not use if skin is cut or scratched.

Storage - Keep container tightly closed. Keep away from incompatible material. Storage area should be cool, dry and well ventilated. Containers of this material may be hazardous when empty since they retain product residues.

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 : Grey to greyish black

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. : FF 5250100

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 disposed off by autoclaving and/or by incineration. Dispose off waste in accordance with all applicable Federal, State and local laws.



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Section 14. Transport Information

UN No. : Not applicable.

Section 15. Regulatory Information

Risk Phrases : Highly flammable

Risk Phrases : Irritating to eyes and respiratory system

Safety Phrases : Keep away from sources of ignition - No smoking

Safety Phrases : Do not breathe dust

Safety Phrases : Avoid contact with skin and eyes



Significance of signs : Solid substances which ignite easily after a short-term effect of source of ignition.



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

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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