





# MATERIAL SAFETY DATA SHEET

Section 1. Company Identification and Product Information			
<b>Product Name or Identity:</b> DM047 Brucella Agar Base			
<b>Manufacturer's Name &amp; Address</b>	<b>Micromaster Laboratories Private Limited</b> Unit 38/39, Kalpataru Industrial Estate, Off Ghodbunder Road, Nr. 'R-Mall' Thane (W)-400607. M.S. INDIA.	<b>Emergency Phone No.:</b>	+91 22 25895505/ 25895505 /25894760
<b>Reference</b>	According to Regulation (EC) No.1907/2006	<b>Email:</b>	micromaster@micromaster lab.com
Section 2. Composition / Information on Hazardous Ingredients			
Ingredients	Grams/Litre	Ingredients	Grams/Litre
Casein enzymic hydrolysate	10.00	Peptic digest of animal tissue	10.00
Yeast extract	2.00	Dextrose	1.00
Sodium chloride	5.00	*Sodium bisulphite	0.10
Agar	15.00		
<b>Final pH (at 25°C) 7.0±0.2</b>			
<b>* Harmful material</b>			
	<b>Sodium bisulphite</b> CAS No. : 7631-90-5 R : 22-36/37/38 S : 25-36/37/39-45 RTECS : VZ 2000000		
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			
<b>Emergency / First Aid Procedures :</b> <b>General Information :</b> No special measures required. <b>Ingestion:</b> If swallowed, seek medical attention if symptoms occur. Show physician product label or MSDS. <b>Inhalation:</b> If inhaled, supply fresh air or oxygen. Seek medical attention if breathing becomes labored or difficult. <b>Eye Contact:</b> Rinse opened eye for at least 15 minutes under running water, lifting lower and upper eyelids occasionally. Seek medical attention. <b>Skin Contact:</b> Remove contaminated clothing. Immediately wash with plenty of soap and water for at least 15 minutes. Wash clothing before reuse.			
Section 5. Fire and Explosion Hazard Data			
<b>Flash Point (Method Used):</b> N/A <b>Flammable Limits:</b> LEL - N/A ; UEL - N/A <b>Extinguishing Media:</b> Use CO <sub>2</sub> , ABC multipurpose dry chemical, or water spray. Fight larger fires with water spray or alcohol resistant foam.			



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<p><b>Protective Equipment:</b> No special measures required.</p> <p><b>Unusual Fire and Explosion Hazards:</b> During heating or in case of fire, poisonous gases may be produced.</p>
<p style="text-align: center;"><b>Section 6. Accidental Release Measures</b></p>
<p><b>Personal Precautions:</b> Wear suitable protective clothing. Remove contaminated clothing. Ensure good ventilation / exhaustion at the workplace.</p> <p><b>Environmental Precautions:</b> Prevent dispersion of material. Wipe up with damp sponge or mop.</p> <p><b>Clean-up Methods:</b> 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.</p>
<p style="text-align: center;"><b>Section 7. Handling and Storage</b></p>
<p><b>Handling</b> - Refer to Section 8</p> <p><b>Storage</b> - Store below 30°C</p>
<p style="text-align: center;"><b>Section 8. Exposure Controls / Personal Protection</b></p>
<p>Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.</p>
<p style="text-align: center;"><b>Section 9. Physical and Chemical Properties</b></p>
<p><b>Appearance</b> : Homogeneous powder.</p> <p><b>Colour</b> : Cream to yellow</p>
<p style="text-align: center;"><b>Section 10. Stability and Reactivity</b></p>
<p><b>Stability:</b> Unstable</p> <p><b>Stable X Conditions to Avoid:</b> No decomposition if used according to specifications.</p> <p><b>Incompatibility (Materials to Avoid):</b> Incompatible with strong acids and oxidizers.</p> <p><b>Hazardous Decomposition or Byproducts:</b> Chlorine(Cl)</p> <p><b>Hazardous Polymerization:</b> May Occur, Will Not Occur X No dangerous reactions known.</p>
<p style="text-align: center;"><b>Section 11. Toxicological Information</b></p>
<p><b>Acute Effects</b> : May be harmful if swallowed.</p> <p><b>Exposure can cause</b> : Stomach pains, vomiting, diarrhoea. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.</p> <p>RTECS No. : VZ 2000000</p> <p>For complete information RTECS may be referred</p>
<p style="text-align: center;"><b>Section 12. Ecological Information</b></p>
<p><b>Ecotoxicity Tests:</b></p> <p>Not known to be hazardous to water. The ecological effects have not been thoroughly investigated, but currently none have been identified.</p>
<p style="text-align: center;"><b>Section 13. Disposal Considerations</b></p>



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**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 :** Harmful if swallowed

**Risk Phrases :** Irritating to eyes, respiratory system 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, gloves and eye/face protection

**Safety Phrases :** In case of accident or if you feel unwell, seek the medical advice immediately (show the label where possible)



**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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