









# MATERIAL SAFETY DATA SHEET

Section 1. Company Identification and Product Information			
<b>Product Name or Identity:</b> DM143 MacConkey Agar			
<b>Manufacturer's Name &amp; Address</b>	Micro master Laboratories Private Limited 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@micromasterlab.com
Section 2. Composition / Information on Hazardous Ingredients			
Composition Ingredients	Grams/Litre	Ingredients	Grams/Litre
Pancreatic digest of gelatin	17.00	Casein enzymic hydrolysate	1.50
Lactose	10.00	*Bile salts	1.50
Sodium chloride	5.00	*Neutral red	0.03
*Crystal violet	0.001	Agar	15.0
Peptic digest of animal tissue	1.50		
pH after sterilization 7.1 ± 0.2			
<b>* Irritant / Harmful / Toxic material</b>			
 Bile salts S : 22-24/25		 Neutral red CAS No. : 553-24-2 R : 22 S : 22-24/25 RTECS : SG 1400000	
 Crystal violet CAS No. : 548-62-9  R : 22-41-50/53 S : 26-39-60-61 RTECS : BO 9000000			
Section 3. Health Hazard Identification			
 <b>Hazard :</b> This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs. <b>Caution :</b> Do not breathe vapours and avoid contact with skin and eyes. <b>Hazard :</b> 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. <b>Caution :</b> Avoid contact with the human body, including inhalation of the vapours and in cases of malaise consult a doctor.  <b>Hazard :</b> Substances which are harmful to the aquatic (aquatic organisms, waters), as well as the non-aquatic environment (fauna, flora, atmosphere) or which have a detrimental effect at longer term. <b>Caution :</b> Avoid release to the environment.			
Section 4. First Aid Measures			



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<p><b>Description of first aid measures:</b> <b>If inhaled</b>-If breathed in, move person into fresh air. If not breathing, give artificial respiration. <b>In case of skin contact</b>-Wash off with soap and plenty of water. <b>In case of eye contact</b>-Flush eyes with water as a precaution. <b>If swallowed</b>-Never give anything by mouth to an unconscious person. Rinse mouth with water. <b>Most important symptoms and effects, both acute and delayed.</b> <b>Indication of any immediate medical attention and special treatment needed</b>-No data available.</p>
<p style="text-align: center;"><b>Section 5. Fire and Explosion Hazard Data</b></p>
<p><b>Extinguishing media:</b> <b>Suitable extinguishing media</b>-Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. <b>Special hazards arising from the substance or mixture</b>-no data available. <b>Advice for firefighters</b>-Wear self contained breathing apparatus for firefighting if necessary. <b>Further information</b>-No data available.</p>
<p style="text-align: center;"><b>Section 6. Accidental Release Measures</b></p>
<p><b>Personal precautions, protective equipment and emergency procedures</b>-Avoid dust formation. Avoid breathing vapors, mist or gas. <b>Environmental precautions</b>-Do not let product enter drains. <b>Methods and materials for containment and cleaning up</b>-Sweep up and shovel. Keep in suitable, closed containers for disposal. <b>Reference to other sections</b>-For disposal see section 13.</p>
<p style="text-align: center;"><b>Section 7. Handling and Storage</b></p>
<p>Handling - Refer to Section 8 Storage - 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>Information on basic physical and chemical properties:</b> a) Appearance- Homogenous powder b) Colour- Light yellow to pink</p>
<p style="text-align: center;"><b>Section 10. Stability and Reactivity</b></p>
<p><b>Reactivity</b>-no data available. <b>Stability</b> : Product is stable if stored as per the conditions specified under storage of Section No. 7. Product loses its potency/performance above 45°C. <b>Conditions to avoid</b> : Heat and light.</p>
<p style="text-align: center;"><b>Section 11. Toxicological Information</b></p>
<p><b>Information on toxicological effects:</b> <b>Acute Effects</b> : May be harmful if swallowed. <b>Exposure can cause</b> : Stomach pains, vomiting, diarrhoea. Prolonged or repeated exposure may cause allergic</p>



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reactions in certain sensitive individuals.  
RTECS No. : SG 1400000 BO 9000000  
For complete information RTECS may be referred.

## Section 12. Ecological Information

Data not available

## Section 13. Disposal Considerations

### Waste treatment methods:

Product may be discarded by handing over to a licensed disposal company, or 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.

**Contaminated packaging**-Dispose of as unused product.

## Section 14. Transport Information

UN No. : Not applicable.

## Section 15. Regulatory Information

Risk Phrases : Harmful if swallowed

Risk Phrases : Harmful by inhalation

Risk Phrases : Possible risks of irreversible effects

Risk Phrases : Risk of serious damage to eyes

Risk Phrases : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Safety Phrases: Do not breathe dust

Safety Phrases: Avoid contact with skin or eyes

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: Avoid release to the environment



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## 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. Micro master 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



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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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