MATERIAL SAFETY DATA SHEET

Section 1. Company Identification and Product Information			
Product Name or Identity:DM994-Differential Reinforced Clostridial Agar			
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	Grams/Litre	Ingredients	Grams/Litre
Casein enzymic hydrolysate	5.00	Peptic digest of animal tissue	5.00
Beef extract	8.00	Yeast extract	1.00
Starch	1.00	Sodium acetate	5.00
Glucose	1.00	*L-Cysteine hydrochloride	0.50
*Sodium bisulphite	0.50	*Ferric ammonium citrate	0.50
*Resazurin	0.002	Agar	15.00

Final pH (at 25°C) 7.1 ± 0.2

* Harmful /Irritant material

L-Cysteine hydrochloride
CAS No. : 52-89-1
R : 36/37/38 S : 26-36
RTECS : HA 2275000

Sodium bisulphite
CAS No. : 7631-90-5
R : 22-36/37/38 S : 26-36/37/39-45
RTECS : VZ 2000000

Ferric ammonium citrate
CAS No. : 1185-57-5
R : 36/37/38 S : 26-36
RTECS : GE 7540000

Resazurin
CAS No. : 62758-13-8
R : 36/37/38 S : 26-36

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 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 clothing and shoes

Incase of eye contact

Wash with copious amounts of water for at least 15 minutes. Assure adequate washingby 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 contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Advice for fire fighters

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 : Cream to 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 disposedoff by autoclaving and/or by incineration. Dispose off 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 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 medical advice immediately (show the label where possible)

Significance of signs : This symbol designates substances which may have an 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.

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