# MATERIAL SAFETY DATA SHEET

| Section 1. Company Identification and Product Information | | | |
|---|---|---|---|
| **Product Name or Identity:DM759 Anaerobic Basal Agar** | | | |
| **Manufacturer's Name & Address** | **Micromaster Laboratories Private Limited**<br>Unit 38/39, Kalpataru Industrial Estate, Off Ghodbunder Road, Nr. 'R-Mall'<br>Thane (W)-400607. M.S. INDIA. | **Emergency Phone No.:** | +91 22 25895505/ 25894681 /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** |
| Peptic digest of animal tissue | 16.00 | Yeast extract | 7.00 |
| Sodium chloride | 5.00 | Starch | 1.00 |
| Dextrose | 1.00 | Sodium Pyruvate | 1.00 |
| Arginine | 1.00 | *Sodium succinate | 0.50 |
| Sodium bicarbonate | 0.40 | *L-Cysteine HCl | 0.250 |
| Ferric pyrophosphate | 0.50 | Haemin | 0.005 |
| Vitamin K | 0.0005 | *Dithiothreitol | 0.25 |
| Agar | 12.00 | | |
| Final pH (at 25°C) 7.0 ±0.2 | | | |
| * Irritant / Harmful / Dangerous to the Environment material | | | |

Sodium succinate
CAS No. : 150-9-3
R : 36/37/38 S : 26-36
RTECS : WM 7751000

Dithiothreitol
CAS No. : 3483-12-3
R : 22-36/37/38 S : 26-36
RTECS : EK 6100000

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

## 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
**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

**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** - 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.<br>**Exposure can cause :** Stomach pains, vomiting, diarrhea. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.<br>**RTECS No.** : WM 7751000 EK 6100000 HA 2275000<br>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. |
| **Section 14. Transport Information** |
| UN No. : Not applicable. |
| **Section 15. Regulatory Information** |
| Risk Phrases : Irritating to eyes, respiratory system and skin<br>Risk Phrases : Harmful if swallowed<br>Safety Phrases : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice<br>Safety Phrases : Wear suitable protective clothing |
| 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 :**<br>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.<br>**DISCLAIMER:**<br>For Laboratory use only. Not for drug, household or other uses. |

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