









## MATERIAL SAFETY DATA SHEET

Section 1. Company Identification and Product Information			
<b>Product Name or Identity:</b> DM010-Amies Transport Medium w/ Charcoal			
<b>Manufacturer's Name &amp; Address</b>	Micromaster 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@micromaster lab.com
Section 2. Composition / Information on Hazardous Ingredients			
Ingredients	Grams/Litre	Ingredients	Grams/Litre
Sodium chloride	3.00	*Potassium chloride	0.20
*Calcium chloride	0.10	*Magnesium chloride	0.10
Monopotassium phosphate	0.20	Disodium phosphate	1.15
*Sodium thioglycollate	1.00	*Charcoal	10.00
Agar	4.00		
Final pH (at 25°C) 7.2±0.2			
<b>* Irritant / Harmful / Flammable material</b>			
	Potassium chloride CAS No. : 7447-40-7 R : 36/37/38 S : 26-36 RTECS : TS 8050000		
	Calcium chloride CAS No. : 10043-52-4 R : 36 S : 22-24 RTECS : EV 9800000		
	Magnesium chloride CAS No. : 7786-30-3 R : 36/37/38 S : 26-36 RTECS : OM 2800000 Sodium thioglycollate		
	CAS No. : 367-51-1 R : 22-36/37/38 S : 26-36 RTECS : AI 7700000		
 	Charcoal CAS No. : 7440-44-0 R : 11-36/37 S : 16-22-24/25 RTECS : FF 5250100		



## MATERIAL SAFETY DATA SHEET

### 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-** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact-** Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact-** Flush eyes with water as a precaution.

**If swallowed-** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**Most important symptoms and effects, both acute and delayed-** Nausea, Headache, Vomiting, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**Indication of any immediate medical attention and special treatment needed-** no data available.

### Section 5. Fire and Explosion Hazard Data

#### Extinguishing media:

**Suitable extinguishing media-** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture-** Carbon oxides, Sulphur oxides, Oxides of phosphorus, Hydrogen chloride gas, Potassium oxides, Sodium oxides.

**Advice for firefighters-** Wear self contained breathing apparatus for fire fighting if necessary.

**Further information-** no data available.

### Section 6. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures-** Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

**Environmental precautions-** Do not let product enter drains.

**Methods and materials for containment and cleaning up-** Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

**Reference to other sections-** For disposal see section 13.

### 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



## MATERIAL SAFETY DATA SHEET

Appearance : Homogeneous powder

Colour : Grey to black

### Section 10. Stability and Reactivity

Reactivity- no data available.

Chemical stability- no data available.

Possibility of hazardous reactions- no data available.

Conditions to avoid- no data available.

Incompatible materials- Strong oxidizing agents.

Hazardous decomposition products- Other decomposition products - no data available.

### Section 11. Toxicological Information

Acute Effects : May be harmful if swallowed.

Exposure can cause : Severe inflammation of the colon. Appears to penetrate well into bone and central nervous system Possess neuromuscular blocking activity Stomach pains, vomiting, diarrhoea.

Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

Target organ(s) : G.I. System

RTECS No. : TS 8050000 EV 9800000 AI 7700000 FF 5250100 OM 2800000

For complete information RTECS may be referred

PAGE 2 OF 3

FL AMMABLE

### Section 12. Ecological Information

Toxicity- no data available.

Persistence and degradability- no data available.

Bioaccumulative potential- no data available.

Mobility in soil- no data available.

Results of PBT and vPvB assessment- no data available.

Other adverse effects- no data available.

### Section 13. Disposal Considerations

#### Waste treatment methods:

**Product-** Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

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

### Section 14. Transport Information

UN No. : Not applicable.

### Section 15. Regulatory Information

Risk Phrases : Irritating to eyes, respiratory system and skin

Risk Phrases : Irritating to eyes

Risk Phrases : Harmful if swallowed

Risk Phrases : Highly flammable

Risk Phrases : Irritating to eyes and respiratory system

Safety Phrases : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

Safety Phrases : Wear suitable protective clothing

Safety Phrases : Do not breathe dust



## MATERIAL SAFETY DATA SHEET

Safety Phrases : Avoid contact with skin

Safety Phrases : Avoid contact with skin and eyes

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

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.

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

### 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.

DM010MSDS, QAD/FR/030,Rev.00/01.01.2018