



# MATERIAL SAFETY DATA SHEET

Section 1. Company Identification and Product Information			
<b>Product Name or Identity:</b> DM475I Fluid Selenite Cystine Medium (Twin pack)			
<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/ 25894681 /25894760
<b>Reference</b>	According to Regulation (EC) No.1907/2006	<b>Email:</b>	micromaster@micromasterlab.com
Section 2. Composition / Information on Hazardous Ingredients			
Ingredients	Grams/Litre	Ingredients	Grams/Litre
Part A: Pancreatic digest of casein	5.00	Lactose	4.00
Sodium phosphate	10.00	*L-Cystine	0.01
Part B: *Sodium hydrogen selenite	4.00		
Final pH (at 25°C) 7.0 ±0.2			
* Irritant / Harmful / Dangerous to the Environment material			
 	Sodium hydrogen selenite CAS No. : 7782-82-3 R : 23/25-33-50/53      S : 20/21-28-45-60-61 RTECS : VS 7500000		
Section 3. Health Hazard Identification			
	Hazard : 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. Caution: Avoid release to the environment.		
	Hazard: The substances are very hazardous to health when breathed, swallowed or in contact with the skin and may even lead to death. Non-recurring, recurring or lengthy exposure to these Substances may result in irreversible damage. Caution: Avoid contact with the human body, and immediately consult a doctor in cases of malaise.		
Section 4. First Aid Measures			
<b>Description of first aid measures</b> <b>General advice</b> Consult a physician. Show this safety data sheet to the doctor in attendance. <b>If inhaled</b> In case of swallowing, wash out mouth with water provided person is conscious. <b>In case of skin contact</b> flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes <b>In case of eye contact</b> 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			



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### 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

Part A: Appearance : Homogeneous powder

Colour : White to cream

Part B: Appearance : Crystalline powder

Colour : White to cream

### 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, and diarrhea. Prolonged or repeated exposure may cause Allergic reactions in certain sensitive individuals.

**RTECS No. :** VS 7500000

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.



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### Section 14. Transport Information

UN No. : Not applicable.

### Section 15. Regulatory Information

Risk Phrases : Harmful if swallowed

Risk Phrases : Toxic by inhalation and if swallowed

Risk Phrases : Danger of cumulative effects

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

Safety Phrases : When using do not eat, drink or smoke

Safety Phrases: After contact with skin, wash immediately with plenty of water.

Safety Phrases : This material and its container must be disposed of as hazardous waste

Safety Phrases: Avoid release to the environment. Refer to special instructions/Safety data sheet

Safety Phrases : In case of accident with eyes or if you feel unwell, seek medical advice immediately (Show the label where possible).



Significance of signs: 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.



Significance of signs : The substances are very hazardous to health when breathed, swallowed or in Contact with the skin and may even lead to death. 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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