

Name of the Product : **Fluid Selenite Cystine Medium**  
 Code No. : **M1533I**  
 Section 1 : **Chemical Identification**  
 Code No. : M1533I  
 Name of the Product : Fluid Selenite Cystine Medium  
 Produced by : HiMedia Laboratories Pvt. Ltd.  
 Address : 23, Vadhani Indl. Estate, LBS Marg, Mumbai 400 086, India.  
 Tel. No. : 2500 0970, 2500 1607 Fax No. 022 2500 2468



Section 2 : <b>Composition</b>			
Ingredients	Grams/Litre	Ingredients	Grams/Litre
Part A :			
Casein enzymic hydrolysate	5.00	Lactose	4.00
*Disodium phosphate .12H <sub>2</sub> O	10.00	L-Cystine	0.01
Part B :			
*Sodium hydrogen selenite	4.00		
Final pH (at 25°C) 7.0±0.2			
*Toxic / Dangerous for Environment / Irritant material			



Disodium phosphate .12H<sub>2</sub>O  
 CAS No. : 10039-32-4  
 R : 36/37/38 S : 26-36  
 RTECS : TC 5725000



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 : <b>Hazards Identification</b>	
	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.
	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 : 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.

Section 4 : <b>First - Aid Measures</b>	
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 inhalation, remove to fresh air. If breathing becomes difficult, call physician. In case of contact with eyes, 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.	

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**Section 5 : Fire Fighting Measures**

Extinguishing Media. Water spray.

Carbon dioxide, dry chemical powder or appropriate foam. Special firefighting procedures. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

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**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.

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**Section 7 : Handling and Storage**

Handling - Refer to Section 8

Storage - Store below 30°C

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**Section 8 : Exposure Controls / Personal Protection**

Wear appropriate NIOSH/MSHA-approved respiratory, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.

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**Section 9 : Physical and Chemical Properties**

Part A :

Appearance : Homogenous, free flowing powder

Colour : Cream

Part B :

Appearance : Crystalline powder

Colour : White

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**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.

Hazardous polymerization will not occur.

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**Section 11 : Toxicological Information**

Acute Effects : May be harmful if swallowed.

Exposure can cause : Stomach pains, vomiting, diarrhoea. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

RTECS No. : TC 5725000 VS 7500000

For complete information RTECS may be referred

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**Section 12 : Ecological Information**

Data not available

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**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 of waste in accordance with all applicable Federal, State and local laws.

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**Section 14 : Transport Information**

UN No. : Not applicable.

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## Section 15 : Regulatory Information

Risk Phrases : Toxic by inhalation and if swallowed

Risk Phrases : Danger of cumulative effects

Risk Phrases : Irritating to eyes, respiratory system and skin

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

Safety Phrases : After contact with skin, wash immediately with plenty of soap-suds.

1. water 2. polyethylene glycol 400 3. water and soap 4. ethanol

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

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

Safety Phrases : Avoid release to the environment. Refer to special instruction/ safety data sheets.

Safety Phrases : Wear suitable protective clothing

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

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



TOXIC

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.



IRRITANT

Significance of signs : This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs.



DANGEROUS FOR THE ENVIRONMENT

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.

## Section 16 : Other Information

The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for users' obligation to investigate and determine the suitability of the information for their particular purpose.