





Dehydrated Culture Media
Bases / Media Supplements




Material Safety Data Sheet

Name of the Product		Fluid Selenite Cystine Broth (Twin Pack)	
Code No.		DM 2533I	
Section 1	Chemical Identification		
	Code No.	:	DM 2533I
	Name of the Product	:	Fluid Selenite Cystine Broth (Twin Pack)
	Produced by	:	Central Drug House Pvt. Ltd.
	Address	:	7/28 Vardaan House, Darya Ganj, New Delhi (INDIA)
	Tel. No.	:	00 91 11 49404040
Section 2	Composition Ingredients	Grams/Litre	Ingredients
	Part A :		
	Casein enzymic hydrolysate	5.00	Lactose
	*Disodium phosphate .12H ₂ O	10.00	L-Cystine
	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 ₂ 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	Hazards Identification		
	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 nonaquatic environment (fauna, flora, atmosphere) or which have a detrimental effect at long term.	
		Caution : Avoid release to the environment.	
Section 4	First - Aid Measures		
	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.		
Section 5	Fire Fighting Measures		
	Extinguishing Media. Water spray. Carbon dioxide, dry chemical powder or appropriate foam. Special firefighting procedures. Wear selfcontained 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 respiratory, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.		
Section 9	Physical and Chemical Properties		
	Part A :		
	Appearance : Homogenous, free flowing powder		
	Colour : Cream		



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	<p>Part B : Appearance : Crystalline powder Colour : White</p>
Section 10	<p>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.</p>
Section 11	<p>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</p>
Section 12	<p>Ecological Information Data not available</p>
Section 13	<p>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.</p>
Section 14	<p>Transport Information UN No. : Not applicable.</p>
Section 15	<p>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</p>
	<p>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.</p>
	<p>Significance of signs : This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs.</p>
	<p>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.</p>
Section 16	<p>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 user's obligation to investigate and determine the suitability of the information for their particular purpose.</p>