











Dehydrated Culture Media
Bases / Media Supplements




Material Safety Data Sheet

Name of the Product		Sulphur Medium (Twin Pack)	
Code No.		DM1559	
Section 1	Chemical Identification		
	Code No.	:	DM1559
	Name of the Product	:	Sulphur Medium (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	Grams/Litre	Ingredients
	Ingredients		Grams/Litre
	Part A :		
	Potassium dihydrogen phosphate	3.00	Magnesium sulphate
	*Ammonium sulphate	0.30	*Calcium chloride
	*Ferric chloride	0.02	
	Part B :		
	*Sulphur, elemental	10.00	
	Final pH (at 25°C)	4.8±0.2	
	* Irritant/Corrosive/Harmful/Flammable material		
	Ammonium sulphate		
	CAS No. : 7783-20-2		
	R : 36/37/38 S : 26-36		
	RTECS : BS 4500000		
	Calcium chloride		
	CAS No. : 10043-52-4		
	R : 36 S : 22-24		
	RTECS : EV 9800000		
	Ferric chloride		
	CAS No. : 7705-08-0		
	R : 22-34 S : 26-27-36/37/39		
	RTECS : LJ 9100000		
	Sulphur, elemental		
	CAS No. : 7704-34-9		
	R : 11 S : 16-26-36		
	RTECS : WS 4250000		
Section 3	Hazards 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 : Living tissue as well as equipment are destroyed on contact with these chemicals.		
	Caution : Do not breathe vapours and avoid contact with skin, eyes and clothing.		
	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.		
	Hazard : 1. Spontaneously flammable substances. Chemicals igniting in air.		
	Caution : Avoid contact with air.		
	Hazard : 2. Substances sensitive to moisture. Chemicals which readily form flammable gasses on contact with water.		
	Caution : Avoid contact with moisture or water.		
	Hazard : 3. Liquids with a flash point below 21°C.		
	Caution : Keep away from open fires, sources of heat and sparks.		
	Hazard : 4. Solid substances which ignite easily after a short-term effect of a source of ignition.		
	Caution : Avoid all contact with all sources of ignition.		
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		



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	<p>Extinguishing Media. Water spray. Carbon dioxide, dry chemical powder or appropriate foam. Special fire-fighting procedures. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Unusual fire and explosions hazards. Emits toxic fumes under fire conditions.</p>
Section 6	<p>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.</p>
Section 7	<p>Handling and Storage Handling - Refer to Section 8 Storage - Store below 30°C</p>
Section 8	<p>Exposure Controls / Personal Protection Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.</p>
Section 9	<p>Physical and Chemical Properties Appearance : Homogeneous powder Colour : Clear colourless solution with sulphur powder</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. Decomposition products : if product is decomposed toxic fumes of carbon monoxide and carbon dioxide may evolve. Hazardous polymerization will not occur</p>
Section 11	<p>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 Exposure can cause : Stomach pains, vomiting, diarrhoea. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals. RTECS No. : EG 4500000 EV 9800000 LJ 9100000 WS 4250000 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 off 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 : Irritating to eyes, respiratory system and skin Risk Phrases : Harmful if swallowed Risk Phrases : Causes burns Risk Phrases : Highly flammable 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 Safety Phrases : Avoid contact with skin Safety Phrases : Take off immediately all contaminated clothing Safety Phrases : Wear suitable protective clothing, gloves and eye/face protection Safety Phrases : Keep away from sources of ignition-No smoking</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 : Living tissue as well as equipment are destroyed on contact with these chemicals.</p>
	<p>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.</p>



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Flammable

Significance of signs : 1. Spontaneously flammable substances. Chemicals igniting in air.
Significance of signs : 2. Substances sensitive to moisture. Chemicals which readily form flammable gasses on contact with water.
Significance of signs : 3. Liquids with a flash point below 21°C.
Significance of signs : 4. Solid substances which ignite easily after a short-term effect of a source of ignition.

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 user's obligation to investigate and determine the suitability of the information for their particular purpose.