

Material Safety **Data Sheet**

Name of the Product Lactobacillus MRS Agar (MRS Agar) DM1641I

Code No. Section 1 : Chemical Identification

Code No. DM1641I

> Name of the Product Lactobacillus MRS Agar (MRS Agar)

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	Grams/Litre
	Ingredients			
	Peptic digest of animal tissue	10.00	Beef extract	8.00
	Yeast extract	5.00	*Ammonium citrate	2.00
	Sodium acetate	5.00	Magnesium sulphate,	0.20
			heptahydrate	
	Manganous sulphate, tetrahydrate	0.05	Dipotassium phosphate	2.00
	Glucose anhydrous	20.00	*Polysorbate 80	1.00
	Agar	12.00		
	Final pH (at 25°C)	5.7±0.2		
	* Irritant material			

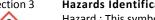


Ammonium citrate CAS No.: 3458-72-8 R: 36/37/38 S: 26-36

Polysorbate 80 CAS No.: 9005-65-6 RTECS: WG 29325000



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.

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 fire-fighting 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 at 2 - 8°C

Exposure Controls / Personal Protection Section 8

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

Section 9 **Physical and Chemical Properties**

Appearance: Homogeneous powder : Cream to light yellow

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.



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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. : WG 29325000 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.			
Section 14	Transport Information			
	UN No. : Not applicable.			
Section 15	Regulatory Information			
	Risk Phrases : Irritating to eyes, respiratory system and skin			
	Safety Phrases: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice			
	Safety Phrases: Wear suitable protective clothing			
	Significance of signs: This symbol designates substances which may have an irritant effect on skin, eyes and respiratory			
\	organs.			
Skin irritation				
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.			
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