

Material Safety Data Sheet

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Name of the Product Code No.		: MRS Broth, Modified (Lactobacillus Heteroferm Screen Broth) : M1164					
Section 1	: Chemical Identification Code No. Name of the Produc Produced by Address Tel. No.	oth, Modified (Lactobacillus Heteroferm Screen Broth) Laboratories Pvt. Ltd. nani Indl. Estate, LBS Marg, Mumbai 400 086, India. 70, 2500 1607 Fax No. 022 2500 2468					
Section 2			Grams/Litre 20.00 5.00 3.00 2.00 0.05 0.004 at 25°C) 4.3±0.2		Ingredients Proteose peptone Sodium acetate *Ammonium citrate Magnesium sulphate Bromo cresol green	Grams/Litre 10.00 5.00 2.00 0.10 0.04	
HARMEUL	* Irritant / Harmful / Da 2-Phenylethyl alcohol CAS No. : 60-12-8 R : 21/22-36 RTECS : SG 7175	6/38	the en S	: 26-28.			
	Ammonium citrate CAS No. : 3458-72 R : 36/37/3		S	: 26-36			
	Manganese sulphate CAS No. : 10034-9 R : 48/20/22 RTECS : OP 0893	16-5 2-51/53	S	: 22-61			
TOXIC	Cycloheximide CAS No. : 66-81-9 R : 61-28-5 RTECS : MA 437		S	: 53-45-6	51		
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.						
HARMFUL	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.						
TOXIC	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.						



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DANGEROUS FOR THE ENVIRONMENT	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 terr 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 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.					
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 8°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 Appearance : Homogeneous powder Colour : Light yellow to bluish grey					
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 dioxid may evolve. Hazardous polymerization will not occur. 					
Section 11	: 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. : SG 7175000 OP 0893500 MA 4375000 For complete information RTECS may be referred.					





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Section 12	: Ecological Information Data not available					
Section 13	usal Considerations completion of work all used or unusable preparations of this product and derivatives thereof are to be osed off by autoclaving and/or by incineration. Dispose off waste in accordance with all applicable eral, State and local laws.					
Section 14	: Transport Information UN No. : Not applicable.					
Section 15	 Regulatory Information Risk Phrases : Harmful in contact with skin and if swallowed Risk Phrases : Irritating to eyes and skin Risk Phrases : Irritating to eyes, respiratory system and skin Risk Phrases : Irritating to eyes, respiratory system and skin Risk Phrases : Harmful : danger of serious damage to health by prolonged exposure through inhalation and if swallowed Risk Phrases : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment Risk Phrases : May cause harm to the unborn child Risk Phrases : Very toxic if swallowed Risk Phrases : Very toxic if swallowed Risk Phrases : Possible risk of irreversible effects Safety Phrases : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice Safety Phrases : Wear suitable protective clothing and gloves Safety Phrases : Do not breathe dust Safety Phrases : Avoid release to the envionment. Refer to special instructions/Safety data sheets Safety Phrases : Avoid release to the envionment. Refer to special instructions/Safety data sheets Safety Phrases : Avoid release to the envionment. Refer to special instructions/Safety data sheets Safety Phrases : Avoid exposure-obtain special instructions before use. Safety Phrases : In case of accident or if you feel unwell, seek medical advice immediately (show the label Safety Phrases : In case of accident or if you feel unwell, seek medical advice immediately (show the label Safety Phrases : In case of accident or if you feel unwell, seek medical advice immediately (show the label Safety Phrases : In case of accident or if you feel unwell, seek medical advice immediately (show the label Safety Phrases : In case of accident or					
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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.					