

Material Safety **Data Sheet**

Name of the Product Listeria Enrichment Broth, Modified DM1888

Code No.

Section 1 : Chemical Identification Code No.

> Name of the Product Listeria Enrichment Broth, Modified

Produced by Central Drug House Pvt. Ltd.

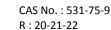
Address 7/28 Vardaan House, Darya Ganj, New Delhi (INDIA)

DM1888

Tel. No. 00 91 11 49404040

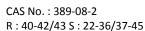
Section 2	Composition	Grams/Litre	Ingredients	Grams/Litre
	Ingredients			
	Tryptose	10.00	Yeast extract	5.00
	Beef extract	5.00	Sodium chloride	20.00
	Disodium hydrogen phosphate	9.60	Monopotassium hydrogen phosphate	1.35
	*Esculin	1.00	*Nalidixic acid	0.02
	*Acriflavine hydrochloride (Trypaflavine)	0.012		
	Final pH (at 25°C)	7.4±0.2		
	* Harmful / Irritant material			





Esculin

Nalidixic acid



RTECS: QN 2885000

Acriflavine hydrochloride (Trypaflavine)



CAS No.: 8063-24-9 R: 36/37/38 S: 26-36

Hazards Identification



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: 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. Unusual fire and explosion 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 at 2 - 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.



Material Safety Data Sheet

Section 9	Physical and Chemical Properties			
	Appearance : Homogeneous powder			
	Colour : Cream to 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.			
	Decomposition products: If product is decomposed toxic fumes of carbon monoxide and carbon dioxide may evolve.			
	Hazardous polymerization will not occur.			
Section 11	Toxicological Information			
	Acute Effects : May be harmful if swallowed.			
	Exposure can cause: Stomach pains, vomiting, diarrhoea. Severe inflammation of the colon. Appears to penetrate well into			
	bone and central nervous system. Possesses neuromuscular blocking activity. Prolonged or repeated exposure may cause			
	allergic reactions in certain sensitive individuals.			
	Target organ(s): G.I. System			
	RTECS No. : QN 2885000 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 : Harmful by inhalation			
	Risk Phrases : Harmful in contact with skin			
	Risk Phrases : Harmful if swallowed			
	Risk Phrases : Limited evidence of a carcinogenic effect			
^	Risk Phrases : May cause sensitization by inhalation and skin contact			
	Risk Phrases : Irritating to eyes, respiratory system and skin			
	Safety Phrases : Do not breathe dust			
	Safety Phrases : Wear suitable protective clothing & gloves			
	Safety Phrases: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)			
	Significance of signs: Inhalation and ingestion of, or skin penetration by these substances is harmful to one.s health. Non-			
Skin irritation	recurring, recurring or lengthy exposure to these substances may result in irreversible damage.			
	Significance of signs: This symbol designates substances which may have an irritant effect on skin, eyes and respiratory			
	organs.			
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.			