

Material Safety Data Sheet

Name of the Product Lysine Iron Cystine Broth Base

Code No. DM1845
Section 1 : Chemical Identification

Code No. : DM1845

Name of the Product : Lysine Iron Cystine Broth Base Produced by : Central Drug House Pvt. Ltd.

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

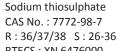
Tel. No. : 00 91 11 49404040

Section 2	Composition	Grams/Litre	Ingredients	Grams/Litre
	Ingredients			
	Casein enzymic hydrolysate	5.00	Yeast extract	3.00
	L-Lysine hydrochloride	10.00	Mannitol	5.00
	Dextrose	1.00	*Salicin	1.00
	L-Cystine	0.10	Ferric ammonium citrate	0.50
	*Sodium thiosulphate	0.10	*Neutral red	0.025
	Final pH (at 25°C)	6.2±0.2		
	* Irritant / Harmful material			





CAS No.: 138-52-3 R: 43 S: 36 RTECS: LZ 5901700





RTECS: XN 6476000 Neutral red CAS No.: 553-24-2 R: 22 S: 22-24/25

RTECS: SG 1400000
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: 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.

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 below 30°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 pink



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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. Hazardous polymerization will not occur.

Section 11 Toxicological Information

Acute Effects: May be harmful if swallowed. 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.: LZ 5901700 SG 1400000 XN 6476000 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: May cause sensitization by skin contact

Risk Phrases: Irritating to eyes, respiratory system and skin

Risk Phrases: Harmful if swallowed

Safety Phrases: Wear suitable protective clothing

Safety Phrases: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

Safety Phrases : Do not breathe dust

Safety Phrases: Avoid contact with skin or eyes

Skin irritation

Significance of signs: This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs.

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.

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.