

Material Safety **Data Sheet**

Name of the Product Kanamycin Esculin Azide Broth Code No.

DM1776 Section 1 : Chemical Identification

DM1776 Code No.

> Name of the Product Kanamycin Esculin Azide Broth Produced by Central Drug House Pvt. Ltd.

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

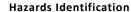
Tel. No. 00 91 11 49404040

Section 2	Composition	Grams/Litre	Ingredients	Grams/Litre
	Ingredients			
	Casein enzymic hydrolysate	20.00	Yeast extract	5.00
	Sodium chloride	5.00	Sodium citrate	1.00
	Esculin	1.00	Ferric ammonium citrate	0.50
	*Sodium azide	0.015	*Kanamycin Sulphate	0.02
	Final pH (at 25°C)	7.0±0.2		
	* Irritant / Toxic material			

CAS No.: 26628-22-8 R: 28-32 S: 28-45 RTECS: VY 8050000



Sodium azide



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.



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 explosions hazards Emits toxic fumes under fire conditions.

Accidental Release Measures Section 6

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

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

Colour: 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.



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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: 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.: VY 8050000 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: Very toxic if swallowed

Risk Phrases: Contact with acids liberates very toxic gas Risk Phrases: May cause harm to the unborn child

Safety Phrases: After contact with skin, wash immediately with plenty of water.

Safety Phrases: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

Safety Phrases: Avoid exposure - obtain special instructions before use

Safety Phrases: Wear suitable protective clothing, gloves and eye/face protection



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

Significance of signs: 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.

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.