

## Material Safety **Data Sheet**

Name of the Product **Glucose Azide Broth** Code No. DM1982

Section 1 : Chemical Identification Code No.

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

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

DM1982

Tel. No. 00 91 11 49404040

Section 2	Composition	Grams/Litre	Ingredients	Grams/Litre
	Ingredients			
	Peptic digest of animal tissue	10.00	Yeast extract	3.00
	Sodium chloride	5.00	Dipotassium phosphate	5.00
	Monopotassium phosphate	2.00	Dextrose	5.00
	* Sodium azide	0.25	*Bromo cresol purple	0.03
	Final pH (at 25°C)	6.7±0.2		
	* Toxic / Irritant / Dangerous for the	environment material		

Sodium azide

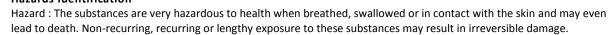
CAS No.: 26628-22-8

R: 28-32-50/53 S: 28-45-60-61

RTECS: VY 8050000 Bromo cresol purple CAS No.: 115-40-2



### R: 36/37/38 S: 26-36 **Hazards Identification**



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.

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 term.

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 selfcontained 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 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 yellow to beige

Section 10 Stability and Reactivity



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	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			
Section 11	-			
	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			
Section 12	RTECS No.: VY 8050000 For complete information RTECS may be referred.  Ecological Information			
Section 12	-			
6 11 42	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: Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment			
	Risk Phrases : Irritating to eyes, respiratory system and skin			
	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: This material and its container must be disposed of as hazardous waste			
	Safety Phrases : Avoid release to the environment.			
	Safety Phrases: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice			
	Safety Phrases: Wear suitable protective clothing			
Acute toxicity	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.			
State tertains	Significance of signs: This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs.			
Annie toxicity  Skin irritation  Usacretora to the sequelic environment	Significance of signs: 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 term.			
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.			