



Dehydrated Culture Media
Bases / Media Supplements




Material Safety Data Sheet

Name of the Product Code No.		Esculin Azide Broth DM1749	
Section 1	Chemical Identification		
	Code No.	:	DM1749
	Name of the Product	:	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
	Ingredients		
	Peptic digest of animal tissue	20.00	Yeast extract
	*Bile salts	10.00	Sodium citrate
	Esculin	1.00	Ferric ammonium citrate
	*Sodium azide	0.25	
	Final pH (at 25°C)	7.2±0.2	
	* Irritant / Toxic material		
	Bile salts		
	S : 22-24/25		
	Sodium azide		
	CAS No. : 26628-22-8		
	R : 28-32-50/53 S : 28-45-60-61		
	RTECS : VY 8050000		
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 : 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 : 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 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 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 : Cream to yellow		
Section 10	Stability and Reactivity		



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	<p>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.</p>
Section 11	<p>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.</p>
Section 12	<p>Ecological Information Data not available</p>
Section 13	<p>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.</p>
Section 14	<p>Transport Information UN No. : Not applicable.</p>
Section 15	<p>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 Safety Phrases : Do not breathe dust Safety Phrases : Avoid contact with skin or eyes Safety Phrases : After contact with skin, wash immediately with plenty of water. Safety Phrases : This material and its container must be disposed of as hazardous waste Safety Phrases : Avoid release to the environment. Refer to special instructions/ Safety data sheets Safety Phrases : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)</p>
	<p>Significance of signs : This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs.</p>
	<p>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.</p>
	<p>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.</p>
Section 16	<p>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.</p>