







Dehydrated Culture Media
Bases / Media Supplements





Material Safety Data Sheet

Name of the Product		Algae Culture Broth			
Code No.		DM 1342			
Section 1	Chemical Identification				
	Code No.	:	DM 1342		
	Name of the Product	:	Algae Culture 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	Chemical Identification	Ingredients	Grams/Litre	Ingredients	Grams/Litre
		*Sodium nitrate	0.513	Dipotassium phosphate	0.25
		Magnesium sulphate	0.513	*Ammonium chloride	0.05
		*Calcium chloride	0.058	*Ferric chloride	0.003
		Final pH (at 25°C)	7.0±0.2		
		* Harmful / Oxidising / Irritant / Corrosive material			
		Sodium nitrate			
		CAS No. : 7631-99-4			
		R : 8-22-36/37/38 S : 17-26-27-36/37/39			
		RTECS : WC 5600000			
		Ammonium chloride			
		CAS No. : 12125-02-9			
		R : 22-36 S : 22			
		RTECS : BP 4550000			
		Calcium chloride			
		CAS No. : 10043-52-4			
		R : 36 S : 22-24			
		RTECS : EV 9800000			
		Ferric chloride			
		CAS No. : 7705-08-0			
		R : 22-34 S : 22-26-27-36/37/39-45			
		RTECS : LJ 9100000			
Section 3	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 : Oxidizing substances can ignite combustible material or worsen existing fires and thus make fire-fighting more difficult. Caution : Keep away from combustible material.			
		Hazard : Living tissue as well as equipment are destroyed on contact with these chemicals. Caution : Do not breathe vapours and avoid contact with skin, eyes and clothing.			
		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 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				



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	<p>Handling - Refer to Section 8 Storage - Store below 30°C</p>
Section 8	<p>Exposure Controls / Personal Protection Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.</p>
Section 9	<p>Physical and Chemical Properties Appearance : Homogeneous powder Colour : Cream to yellow</p>
Section 10	<p>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.</p>
Section 11	<p>Toxicological Information 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. : WC 5600000 BP 4550000 EV 9800000 LJ 9100000 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 : Contact with combustible material may cause fire Risk Phrases : Harmful if swallowed Risk Phrases : Irritating to eyes, respiratory system and skin Risk Phrases : Irritating to eyes Risk Phrases : Causes burns Safety Phrases : Keep away from combustible material 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 Safety Phrases : Wear suitable protective clothing, gloves and eye/face protection Safety Phrases : Take off immediately all contaminated clothing. 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 : 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.</p>
	<p>Significance of signs : Oxidizing substances can ignite combustible material or worsen existing fires and thus make fire-fighting more difficult.</p>
	<p>Significance of signs : Living tissue as well as equipment are destroyed on contact with these chemicals.</p>
	<p>Significance of signs : This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs.</p>
Section 16	<p>Other Information</p>



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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.