









Dehydrated Culture Media
Bases / Media Supplements




Material Safety Data Sheet

Name of the Product		Asparagine Nitrate Medium	
Code No.		DM 1724	
Section 1	Chemical Identification		
	Code No.	:	DM 1724
	Name of the Product	:	Asparagine Nitrate Medium
	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 Ingredients	Grams/Litre	Ingredients
	*Potassium nitrate	1.00	L-Asparagine
	Sodium citrate	8.50	Potassium dihydrogen phosphate
	Magnesium sulphate	1.00	*Calcium chloride
	*Ferric chloride	0.0001	Agar
	* Oxidising / Irritant / Corrosive material		
	Potassium nitrate		
	CAS No. : 7757-79-1		
	R : 8 S : 17-24/25		
	RTECS : TT 3700000		
	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 : 26-27-36/37/39		
	RTECS : LJ 9100000		
Section 3	Hazards Identification		
	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 : 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 : 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.		
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 : White to cream		



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Section 10	<p>Stability and Reactivity</p> <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. Hazardous polymerization will not occur.</p>
Section 11	<p>Toxicological Information</p> <p>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. : TT 3700000 EV 9800000 LJ 9100000 For complete information RTECS may be referred.</p>
Section 12	<p>Ecological Information</p> <p>Data not available</p>
Section 13	<p>Disposal Considerations</p> <p>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</p> <p>UN No. : Not applicable.</p>
Section 15	<p>Regulatory Information</p> <p>Risk Phrases : Contact with combustible material may cause fire Risk Phrases : Irritating to eyes Risk Phrases : Harmful if swallowed Risk Phrases : Causes burns Safety Phrases : Keep away from combustible material Safety Phrases : Avoid contact with skin or eyes Safety Phrases : Do not breathe dust Safety Phrases : Avoid contact with skin Safety Phrases : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice Safety Phrases : Take off immediately all contaminated clothing Safety Phrases : Wear suitable protective clothing, gloves and eye/face protection</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 : This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs.</p>
	<p>Hazard : Living tissue as well as equipment are destroyed on contact with these chemicals.</p>
Section 16	<p>Other Information</p> <p>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>