





Dehydrated Culture Media  
Bases / Media Supplements

## Material Safety Data Sheet

Name of the Product		<b>Columbia C.N.A. Agar Base, w/ 1% Agar</b>		
Code No.		<b>DM1560A</b>		
Section 1	<b>Chemical Identification</b>			
	Code No.	:	DM1560A	
	Name of the Product	:	Columbia C.N.A. Agar Base, w/ 1% Agar	
	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	<b>Composition</b>	<b>Grams/Litre</b>	<b>Ingredients</b>	<b>Grams/Litre</b>
	<b>Ingredients</b>			
	Biopeptone	20.00	Tryptic digest of beef heart	3.00
	Corn starch	1.00	Sodium chloride	5.00
	Colistin sulphate	0.01	*Nalidixic acid	0.015
	Agar	10.00		
	Final pH (at 25°C)	7.3±0.2		
	* Toxic material			
	Nalidixic acid			
	CAS No. : 389-08-2			
	R : 40-42/43 S : 22-36/37-45			
	RTECS : QN 2885000			
				
Section 3	<b>Hazards Identification</b>			
				
	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.			
Section 4	<b>First - Aid Measures</b>			
	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	<b>Fire Fighting Measures</b>			
	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.			
Section 6	<b>Accidental Release Measures</b>			
	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	<b>Handling and Storage</b>			
	Handling - Refer to Section 8			
	Storage - Store below 8°C			
Section 8	<b>Exposure Controls / Personal Protection</b>			
	Wear appropriate Niosh/Msha-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.			
Section 9	<b>Physical and Chemical Properties</b>			
	Appearance : Homogeneous powder			
	Colour : Cream to yellow			
Section 10	<b>Stability and Reactivity</b>			
	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	<b>Toxicological Information</b>			
	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. : QN 2885000 For complete information RTECS may be referred.			



Dehydrated Culture Media  
Bases / Media Supplements

## Material Safety Data Sheet

Section 12	<b>Ecological Information</b> Data not available
Section 13	<b>Disposal Considerations</b> 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	<b>Transport Information</b> UN No. : Not applicable.
Section 15	<b>Regulatory Information</b> Risk Phrases : Limited evidence of a carcinogenic Risk Phrases : May cause sensitization by inhalation and skin contact Safety Phrases : Do not breathe dust Safety Phrases : Wear suitable protective clothing and gloves Safety Phrases: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) 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	<b>Other Information</b> 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.



Acute Toxicity