



Dehydrated Culture Media  
Bases / Media Supplements





## Material Safety Data Sheet

Name of the Product		<b>Bushnell Haas Agar</b>	
Code No.		<b>DM 1349</b>	
Section 1	<b>Chemical Identification</b>		
	Code No.	:	DM 1349
	Name of the Product	:	Bushnell Haas 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>Chemical Identification</b>	<b>Ingredients</b>	<b>Grams/Litre</b>
	Magnesium sulphate		0.20
	Monopotassium phosphate		1.00
	*Ammonium nitrate		1.00
	Agar		20.00
	Final pH (at 25°C)		7.0±0.2
	* Irritant / Oxidising / Harmful / Corrosive material		
	Calcium chloride		*Calcium chloride
	CAS No. : 10043-52-4		
	R : 36 S : 22-24		
	RTECS : EV 9800000		
	Ammonium nitrate		Dipotassium phosphate
	CAS No. : 6484-52-2		
	R : 8-36/37/38 S : 15-17-26-36		*Ferric chloride
	RTECS : BR 9050000		
	Ferric chloride		
	CAS No. : 7705-08-0		
	R : 22-34 S : 26-27-36/37/39		
	RTECS : LJ 9100000		
Section 3	<b>Hazards Identification</b>		
	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 : Oxidizing substances can ignite combustible material or worsen existing fires and thus make fire-fighting more difficult.		
	Caution : Keep away from combustible material.		
	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 : 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	<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. Unusual fire and explosions hazards Emits toxic fumes under fire conditions.		
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 30°C		



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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 : White to cream
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. 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. : EV 9800000 BR 9050000 LJ 9100000 For complete information RTECS may be referred
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 : Irritating to eyes Risk Phrases : Contact with combustible material may cause fire Risk Phrases : Irritating to eyes, respiratory system and skin Risk Phrases : Harmful if swallowed Risk Phrases : Causes burns Safety Phrases : Do not breathe dust Safety Phrases : Avoid contact with skin Safety Phrases : Keep away from heat 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 : Wear suitable protective clothing Safety Phrases : Take off immediately all contaminated clothing Safety Phrases : Wear suitable protective clothing, gloves and eye/face protection
 Skin Irritation	Significance of signs : This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs.
 Oxidizing	Significance of signs : Oxidizing substances can ignite combustible material or worsen existing fires and thus make fire-fighting more difficult.
 Skin Irritation	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.
 Corrosive to metals	Hazard : Living tissue as well as equipment are destroyed on contact with these chemicals.
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.