

## Material Safety Data Sheet

Name of the Product Bushnell Haas Agar

Code No. DM 1349

Section 1 : Chemical Identification

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)

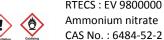
Tel. No. : 00 91 11 49404040

Section 2	Chemical Identification Ingredients	Grams/Litre	Ingredients	Grams/Litre
	Magnesium sulphate	0.20	*Calcium chloride	0.02
	Monopotassium phosphate	1.00	Dipotassium phosphate	1.00
	*Ammonium nitrate	1.00	*Ferric chloride	0.05
	Agar	20.00		
	Final pH (at 25°C)	7.0±0.2		





Calcium chloride CAS No. : 10043-52-4 R : 36 S : 22-24 RTECS : EV 9800000



R: 8-36/37/38 S: 15-17-26-36



Ferric chloride CAS No.: 7705-08-0

RTECS: BR 9050000

R: 22-34 S: 26-27-36/37/39 RTECS: LJ 9100000

### 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 : 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 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. 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



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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		
Section 10	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.		
	Hazardous polymerization will not occur.		
Section 11	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. : EV 9800000 BR 9050000 LJ 9100000		
	For complete information RTECS may be referred		
Section 12	Ecological Information		
	Data not available		
Section 13	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.		
Section 14	Transport Information		
Section 14	UN No. : Not applicable.		
Section 15	Regulatory Information		
Section 13			
	Risk Phrases : Irritating to eyes Risk Phrases : Contact with combustible material may cause fire		
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	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		
Skin irritation Oxidising Skin irritation	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		
	Significance of signs: This symbol designates substances which may have an irritant effect on skin, eyes and respiratory		
	organs.		
	Significance of signs: Oxidizing substances can ignite combustible material or worsen existing fires and thus make fire-		
	fighting more difficult.		
	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.		
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	Hazard: Living tissue as well as equipment are destroyed on contact with these chemicals.		
Corrosive to metals			
Section 16	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.		