

Material Safety Data Sheet

Name of the Product	Casman Agar
Code No.	DM 1201

Section 1 : Chemical Identification

Code No. : DM 1201 Name of the Product : Casman Agar

Produced by : Central Drug House Pvt. Ltd.

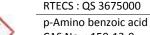
Address : 7/28 Vardaan House, Darya Ganj, New Delhi (INDIA)

Tel. No. : 00 91 11 49404040

Section 2	Composition Ingredients	Grams/Litre	Ingredients	Grams/Litre
	Proteose peptone	10.00	Tryptose	10.00
	Beef extract	3.00	Dextrose	0.50
	Corn starch	1.00	Sodium chloride	5.00
	*Nicotinamide	0.05	*p-Amino benzoic acid (PABA)	0.05
	Agar	14.00		
	Final pH (at 25°C)	7.3±0.2		
	* Irritant / Harmful material			



Nicotinamide CAS No.: 98-92-0 R: 36/37/38 S: 26-36





CAS No.: 150-13-0 R: 22-36/37/38-43 S: 26-36

RTECS : DG 1400000
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: 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.

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 : Cream to yellow

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.



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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. : QS 3675000 DG 1400000
	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
	UN No. : Not applicable.
Section 15	Regulatory Information
	Risk Phrases : Irritating to eyes, respiratory system and skin
	Risk Phrases : Harmful if swallowed
	Risk Phrases : May cause sensitization by skin contact
	Safety Phrases: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	Safety Phrases: Wear suitable protective clothing
Shills bles	Significance of signs: This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs.
\wedge	Significance of signs: Inhalation and ingestion of, or skin penetration by these substances is harmful to one's health.
Shailer h.f. co	Non-recurring, recurring or lengthy exposure to these substances may result in irreversible damage.
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.