microgen
Dehydrated Culture Media
Bases / Media Supplements

Name of the Product		**Simmons Agar Base**	
Code No.		**DM 1411**	

Section 1 : Chemical Identification

Code No.	:	DM 1411	
Name of the Product	:	Simmons Agar Base	
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
Magnesium sulphate	0.20	*Ammonium dihydrogen phosphate	0.20
Sodium ammonium phosphate	0.80	Sodium chloride	5.00
Bromo thymol blue	0.08	Agar	15.00
Final pH (at 25°C)	7.0±0.2		

* Irritant material
Ammonium dihydrogen phosphate
CAS No. : 7722-76-1
R : 36/37 S : 26-36

Skin irritation

Section 3 — Hazards Identification

Skin irritation

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.

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 : 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.

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.

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 applicableFederal, State and local laws.
Section 14	**Transport Information**
	UN No. : Not applicable.
Section 15	**Regulatory Information**
	Risk Phrases : Irritating to eyes and respiratory system
	Safety Phrases : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	Safety Phrases : Wear suitable protective clothing
⚠️ Skin irritation	Significance of signs : This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs.
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.