







Name of the Product		Legionella Growth Supplement w/oL-Cysteine	
Code No.		MS 2206	
Section 1 : Chemical Identification			
	Code No.	:	MS 2206
	Name of the Product	:	Legionella Growth Supplement w/oL-Cysteine
	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		
	<p>per vial)</p> <p>ACES buffer/ *Potassium hydroxide 5.00 gm</p> <p>*α-Ketoglutarate 0.50 gm</p> <p>Ferric pyrophosphate, soluble 0.125 gm</p> <p>Distilled water 50 ml</p> <p>*Corrosive/ Irritant material</p>		
	 Potassium hydroxide CAS No. : 1310-58-3 R : 22-35 RTECS : TT 2100000		S : 26-36/37/39-45
	 a-Ketoglutarate CAS No. : 328-50-7 R : 37/38-41		S : 26-39
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 : 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 firefighting procedures. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Unusual fire and explosion 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 at 2 - 8°C		
Section 8	Exposure Controls / Personal Protection		
	Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.		



Dehydrated Culture Media
Bases / Media Supplements

Material Safety Data Sheet

Section 9	Physical and Chemical Properties
	Appearance : Liquid with slight precipitate Colour : Light yellow 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. Decomposition products : If product is decomposed toxic fumes of Carbon monoxide and Carbon dioxide may evolve. 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. : TT2100000 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 : Harmful if swallowed Risk Phrases : Causes severe burns Risk Phrases : Irritating to respiratory system and skin Risk Phrases : Risk of serious damage to eyes Safety Phrases : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice Safety Phrases : Wear suitable protective clothing, gloves and eye/face protection Safety Phrases : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) Safety Phrases : Wear 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 : Living tissue as well as equipment are destroyed on contact with these chemicals
Section 16	Other Information
	Further 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.