







# MATERIAL SAFETY DATA SHEET

Section 1. Company Identification and Product Information			
Product Name or Identity: MS166Legionella Growth Supplement w/o L-Cysteine			
Manufacturer's Name & Address	Micromaster Laboratories Private Limited Unit 38/39, Kalpataru Industrial Estate, Off Ghodbunder Road, Nr. 'R-Mall' Thane (W)-400607. M.S. INDIA.	Emergency Phone No.:	+91 22 25895505/ 25894681 /25894760
Reference	According to Regulation (EC) No.1907/2006	Email:	micromaster@micromaster lab.com
Section 2. Composition / Information on Hazardous Ingredients			
Composition		(per vial)	
ACES buffer/ *Potassium hydroxide		5.00 gm	
*a-Ketoglutarate		0.50 gm	
Ferric pyrophosphate, soluble		0.125 gm	
Distilled water		50 ml	
*Irritant / Toxic /Dangerous for the environment material			
	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. Health Hazard 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 is 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 and Explosion Hazard Data			
Non Combustible			
Section 6. Accidental Release Measures			
Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag			



## MATERIAL SAFETY DATA SHEET

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.

### 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.  
Hazardous polymerization will not occur.

### Section 11. Toxicological Information

Acute Effects: May be harmful if swallowed.  
Exposure can cause: Stomach pains, vomiting, and diarrhoea. Severe inflammation of the colon. Appears to Penetrate well into bone and central nervous system. Possesses neuromuscular blocking activity.  
Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.  
Target organ(s) : G.I. system  
RTECS No. : TT 2100000  
For complete information RTECS may be referred.

### Section 12. Ecological Information

**Data not available**

### Section 13. Disposal Considerations

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

### 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)



## MATERIAL SAFETY DATA SHEET

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 is destroyed on contact with these chemicals.

### Section 16. Other Information

#### **WARRANTY :**

This document is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Micromaster Laboratories shall not be held liable for any damage resulting from handling or from contact with the above Product. These suggestions should not be confused with state, municipal or insurance requirements, and constitute no warranty.

#### **DISCLAIMER:**

For Laboratory use only. Not for drug, household or other uses.

MS166MSDS, QAD/FR/030, Rev.00/01.01.2018