







# MATERIAL SAFETY DATA SHEET

Section 1. Company Identification and Product Information			
<b>Product Name or Identity:</b> MS089-Vitamins Growth Supplement (Twin pack)			
<b>Manufacturer's Name &amp; Address</b>	Micromaster Laboratories Private Limited Unit 38/39, Kalpataru Industrial Estate, Off Ghodbunder Road, Nr. 'R-Mall' Thane (W)-400607. M.S. INDIA.	<b>Emergency Phone No.:</b>	+91 22 25895505/25894681/2 5894760
<b>Reference:</b>	According to Regulation (EC) No.1907/2006	<b>Email:</b>	micromaster@micromasterlab.com
Section 2. Composition / Information on Hazardous Ingredients			
<b>Ingredients</b>	<b>(per vial)</b>		
<b>Part I :</b>			
Vitamin B12	0.10 mg		
L-Glutamine	100.00 mg		
Adenine sulphate	10.00 mg		
*Guanine hydrochloride	0.30 mg		
p-Amino benzoic acid (PABA)	0.13 mg		
L-Cystine	11.00 mg		
NAD (Coenzyme I)	2.5 mg		
Coccarboxylase	1.00 mg		
*Ferric nitrate	0.20 mg		
Thiamine hydrochloride	0.03 mg		
*Cysteine hydrochloride	259.00 mg		
Dextrose	1.00 gm		
<b>Part II (Rehydrating fluid) :</b>			
Dextrose	1.00 gm		
Distilled water	10.00 ml		
* Irritant / Oxidizing material			
	Guanine hydrochloride CAS No. : 635-39-2 R : 36/37/38 S : 26-36 RTECS : MF 8400000		
 	Ferric nitrate CAS No. : 7782-61-8 R : 8-36/37/38 S :17-26-36 RTECS : NI 7175000		
	Cysteine hydrochloride CAS No. : 52-89-1 R : 36-37/38 S : 26-36		



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RTECS : HA 2275000

### 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 :** Oxidizing substances can ignite combustible material or worsen existing fires and thus make fire-fighting more difficult.

**Caution :** Keep away from combustible material.

### Section 4. First Aid Measures

#### Description of first aid measures

##### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

##### If inhaled

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 eye contact

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

#### Extinguishing media

##### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special fire-fighting procedures. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

##### Advice for firefighters

Special fire-fighting procedures. Wear self-contained 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 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 : Part I - Homogeneous powder



Part II - Clear liquid

Colour : Part I - Light pink

Part II - Colourless



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Section 10. Stability and Reactivity	
<p><b>Stability:</b> Product is stable if stored as per the conditions specified under storage of Section No. 7. Product loses its potency/performance above 45°C.</p> <p><b>Conditions to avoid:</b> Heat and light.</p> <p><b>Decomposition products:</b> if product is decomposed toxic fumes of carbon monoxide and carbon dioxide may evolve.</p> <p>Hazardous polymerization will not occur.</p>	
Section 11. Toxicological Information	
<p><b>Acute Effects :</b> May be harmful if swallowed.</p> <p><b>Exposure can cause :</b> Stomach pains, vomiting, diarrhea. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.</p> <p><b>RTECS No. :</b>NO 85 10000 BP 68250 00</p> <p>For complete information RTECS may be referred.</p>	
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 of by autoclaving and/or by incineration. Dispose of waste in accordance with all applicable Federal, State and local laws.	
Section 14. Transport Information	
UN No. : Not applicable.	
Section 15. Regulatory Information	
<p>Risk Phrases : Irritating to eyes, respiratory system and skin</p> <p>Risk Phrases : Contact with combustible material may cause fire</p> <p>Safety Phrases : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice</p> <p>Safety Phrases : Wear suitable protective clothing</p> <p>Safety Phrases : Keep away from combustible material</p>	
	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.
Section 16. Other Information	
<p><b>WARRANTY :</b></p> <p>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.</p> <p><b>DISCLAIMER:</b></p> <p>For Laboratory use only. Not for drug, household or other uses.</p>	

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