



Dehydrated Culture Media  
Bases / Media Supplements

# Material Safety Data Sheet

Name of the Product Code No. Section 1 : <b>Chemical Identification</b>		<b>Vitamino Growth Supplement (Twin Pack)</b> <b>MS 2025</b>
Code No. : MS 2025 Name of the Product : Vitamino Growth Supplement (Twin Pack) 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	<b>Composition</b>	
	(per vial sufficient for 500 ml medium)	
	<b>Part I :</b>	
	Vitamin B <sub>12</sub>	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
	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 RTECS : HA 2275000	
Section 3	<b>Hazards Identification</b>	
	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.	



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Section 4	<b>First - Aid Measures</b>
	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	<b>Fire Fighting Measures</b>
	Extinguishing Media. Water spray. Carbon dioxide, dry chemical powder or appropriate foam. Special firefighting procedures. Wear selfcontained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Section 6	<b>Accidental Release Measures</b>
	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	<b>Handling and Storage</b>
	Handling - Refer to Section 8 Storage - Store at 2 - 8°C
Section 8	<b>Exposure Controls / Personal Protection</b>
	Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.
Section 9	<b>Physical and Chemical Properties</b>
	Appearance : Part I - Homogeneous powder Part II - Clear liquid Colour : Part I - Light pink : Part II - Colourless
Section 10	<b>Stability and Reactivity</b>
	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	<b>Toxicological Information</b>
	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. : MF 8400000 NI 7175000 HA 2275000 For complete information RTECS may be referred
Section 12	<b>Ecological Information</b>
	Data not available



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Section 13	<b>Disposal Considerations</b>
	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	<b>Transport Information</b>
	UN No. : Not applicable.
Section 15	<b>Regulatory Information</b>
	Risk Phrases : Irritating to eyes, respiratory system and skin Risk Phrases : Contact with combustible material may cause fire Safety Phrases : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice Safety Phrases : Wear suitable protective clothing Safety Phrases : Keep away from combustible material
	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	<b>Other Information</b>
	<b>Further Information</b> 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.