

Name of the Product : **Vitamino Growth Supplement (Twin pack)**
 Code No. : **FD025**
 Section 1 : **Chemical Identification**
 Code No. : FD025
 Name of the Product : Vitamino Growth Supplement (Twin pack)
 Produced by : HiMedia Laboratories Pvt. Ltd.
 Address : 23, Vadhani Indl. Estate, LBS Marg, Mumbai 400 086, India.
 Tel. No. : 2500 0970, 2500 1607 Fax No. 022 2500 2468

Section 2 : **Composition**
 (per vial sufficient for 500 ml medium)
 Part I :
 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
 Part II (Rehydrating fluid) :
 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
 RTECS : HA 2275000

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 : 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**

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.

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

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.

RTECS No. : MF 8400000 NI 7175000 HA 2275000

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 : 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 : 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 users' obligation to investigate and determine the suitability of the information for their particular purpose.
