

Name of the Product : **Lysine HiVeg™ Medium Base**  
Code No. : **MV642**

**Section 1 : Chemical Identification**

Code No. : MV642  
Name of the Product : Lysine HiVeg™ Medium Base  
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**

<b>Ingredients</b>	<b>Grams/Litre</b>	<b>Ingredients</b>	<b>Grams/Litre</b>
Dextrose	44.50	Monopotassium phosphate	1.78
Magnesium sulphate	0.89	*Calcium chloride	0.178
Sodium chloride	0.089	Adenine	0.00178
DL-Methionine	0.000891	L-Histidine	0.000891
DL-Tryptophan	0.000891	Boric acid	0.000089
Zinc sulphate	0.0000356	Ammonium molybdate	0.0000178
Manganese sulphate	0.0000356	Ferrous sulphate	0.0002225
L-Lysine	1.00	Inositol	0.02
Calcium pantothenate	0.002	Aneurine	0.0004
Pyridoxine	0.0004	p-Amino benzoic acid	0.0002
Nicotinic acid	0.0004	Riboflavin	0.0002
Biotin	0.000002	Folic acid	0.000001
Agar	17.80		
	Final pH (at 25°C) 5.0±0.2		

\* Irritant material



Calcium chloride  
CAS No. : 10043-52-4  
R : 36 S : 22-24  
RTECS : EV9800000

**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.


**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 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 below 30°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 : Homogeneous powder  
Colour : Off white
- 
- 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. : EV 9800000  
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  
Safety Phrases: Do not breathe dust  
Safety Phrases : Avoid contact with skin
- 
-  Significance of signs : This symbol designates substances which may have an irritant effect on skin, eyes and respiratory organs.
- 
- 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 user's obligation to investigate and determine the suitability of the information for their particular purpose.
-