



# SUNIL HEALTHCARE LIMITED

Regd. Office & Plant : 17/18, Old Industrial Area, Alwar - 301001, Rajasthan, India

Phones : 0144-2373829 to 2373832 (4 lines) Fax : 0144-2373826

E-mail : [shl@dataone.in](mailto:shl@dataone.in), Website : [www.sunilhealthcare.com](http://www.sunilhealthcare.com)

## MATERIAL SAFETY DATA SHEET

### 1 Identification

- 1.1 Product : Empty Hard Gelatin Capsules made from bovine bones
- 1.2 Registered Office : Sunil Healthcare Limited  
17 – 18 Old Industrial Estate.  
Alwar – 301001 (Rajasthan). India.

### 2 Composition

- 2.1 Gelatin : 80 – 85 %
- 2.2 Purified water : 12.5 – 16.0 %
- 2.3 Platicizer : 0.1 %
- 2.4 Preservative : 0.1%
- 2.5 Lubricant : Traces
- 2.6 Coloring :  $\leq 3.5$  %
- 2.7 Printing Ink (edible) : Trace

### 3 Risk Identification : None

### 4 First Aid Measures

- 4.1 Inhalation : No measures required
- 4.2 Skin contact : No measures required
- 4.3 Eye contact : No measures required
- 4.4 Ingestion : No measures required

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Encapsulating Health

Head Office: 1<sup>st</sup> Floor, Sheetla House, 73/74, Nehru Place, New Delhi- 110 019, India

Phone : 011- 26447086 Fax : 011-26221440 E-mail : [sunilhealthcare@eth.net](mailto:sunilhealthcare@eth.net)



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## 5. Fire and Explosive Hazard Data

- 5.1 Extinguishing Method : Water, foam, powder, CO<sub>2</sub>
- 5.2 Special Fire Fighting Procedures : Wear respiratory equipment
- 5.3 Specific Dangers : Burning gelatin can emit toxic fumes of carbon monoxide carbon dioxide, nitrous oxide and in very small quantities sulfur dioxide
- 5.4 Additional Hazards : None identified
- 5.5 NPA dust explosion rating : No information available

## 6 Special Handling and Storage Precautions : No known handling or storage risks

- 6.1 Keep containers closed when not in use to maintain stability of product and protect against potential product contamination
- 6.2 Store in cool, dry areas 15 °C – 25 °C Temperature and 40 – 65 % RH
- 6.3 Use good industrial hygiene practices
- 6.4 Environmental protection : Do not dispose of into municipal sewers. Follow approved municipal codes for procedures for disposal.
- 6.5 Cleaning Method : Sweep, vacuum for cleaning
- 6.6 Caution : Loose gelatin granule or gelatin capsules may represent risk of slippage when spread on floor surface (dry and wet).

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## 7 Special Individual Protection information

- 7.1 Respiratory protection : None required
- 7.2 Ventilation : No special ventilation
- 7.3 Eye Protection : None required

## 8 Reactivity Data

- 8.1 Stability : Stable
- 8.2 Conditions to avoid : No risk
- 8.3 Decomposition : No prime concern

## 9 Toxicological Information

- 9.1 Ingestion : Non toxic
- 9.2 Inhalations : No applicable information
- 9.3 Skin contact : Non irritating
- 9.4 Eye contact : Non irritating

## 10 Environmental Information

- 10.1 No Photo-degradation
- 10.2 Biodegradable
- 10.3 No known bio-accumulation
- 10.4 Non toxic for animals and plants

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## 11 Physical Data

- |       |  |  |
|-------|--|--|
| 11.1  | Aspect                                   | : Hard covering made of two separate parts which are cylindrical with closed hemispheric ends and which can have different capacities and colors.  |
| 11.2  | Smell                                    | : None   |
| 11.3  | Boiling Point                            | : Not applicable   |
| 11.4  | Melting Point                            | : Not applicable   |
| 11.5  | Flash Point                              | : Not applicable   |
| 11.6  | Flammability                             | : Information Not available  |
| 11.7  | Self flammability                        | : Information Not available  |
| 11.8  | Explosure features                       | : Not applicable   |
| 11.9  | Oxidizing feature                        | : None   |
| 11.10 | Vapor pressure                           | : Not applicable   |
| 11.11 | Bulk Density                             | : Size 00 - 60.00 KG per cubic meter<br>Size 0EL - 53.82 KG per cubic meter<br>Size 0 - 60.90 KG per cubic meter<br>Size 1 - 66.80 KG per cubic meter<br>Size 2 - 75.00 KG per cubic meter<br>Size 3 - 80.00 KG per cubic meter<br>Size 4 - 81.00 KG per cubic meter |
| 11.12 | Solubility (In water and other products) | : Very soluble in water over 35 °C   |

## 12 Transportation

- |      |   |
|------|---|
| 12.1 | No risk due to transportation                                 |
| 12.2 | Transport under 15 °C – 25 °C<br>Temperature and 40 – 65 % RH |

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## 13 Regulatory Information

- 13.1 The two-piece hard gelatin capsules designated for human consumption is defined in the Indian Pharmacopoeia 1996, Volume – I page 343 – 344.

## DISCLAIMER

This information is furnished without warranty, representation, inducement or license of any kind except that it is accurate to the best of knowledge of Sunil Healthcare Limited or obtained from sources believed by us to be accurate. Sunil Healthcare Limited does not assume any legal responsibilities for the use or reliance upon the same. Customers are encouraged to conduct their own test.

(R. Kukreja)  
Executive – Quality Control

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