

## Material Safety Data sheet (MSDS)

### **01. Identification**

Commercial Name	: ESSTEBIO INDIGO CRYSTAL
Chemical Name	: INDIGO BLUE
Product Code	: ESSTEBIO PRC
C I Name	: VAT BLUE 1
Chemical Nature	: INDIGO BLUE GRAINS 60%
Supplier / Producer	: SODHANI BIOTIQUE
Address	: 210 BRAHMPURI ROAD BESIDE MADHAV VILAS,JAIPUR 302002 RAJASTHAN INDIA

**02. Hazards** : Non hazardous product

### **03. Potential health effect**

Eyes	: May cause irritation
Skin	: May cause irritation
Ingestion	: May cause irritation and cramp in stomach
Inhalation	: May cause respiratory tract irritation

### **04. First aid measure**

General	: Normal safety measures must be observed
Skin	: Remove contaminated clothing Wash off with soap & water
Eyes	: Rinse open eye under running water for 15- 20 min.
If swallowed	: If symptom persist consult a doctor
Inhalation	: if symptoms persist consult a doctor

<b>05. Fire Fighting measures</b>	
Flash Point	: N/A
Auto Ignition Temp	: N/A
Flammability	: N/A
Suitable Extinguishing media	: Dry extinguishing media, foam, CO <sub>2</sub>
Protective Equipment for fire fighters	: Standard
<b>06. Accidental Release Measures</b>	
: Personal Precaution	Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.
Methods for Cleaning Up	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.
:	Avoid breathing dust and also avoid contact with skin & eyes
<b>07. Handling &amp; Storage</b>	Store in a cool & dry place in air tight container temperature not more than 80°F
<b>08. : Exposure Controls &amp; personal protection</b>	Normal safety measures for chemicals must be observed. Facilities utilizing or storing this material should be equipped with an eyewash facility and safety shower.
<b>09. Personal Protective equipments</b>	
: Eyes	Wear safety goggles
: Skin	Wear hand gloves & Apron
: Respirator	An approved dust & mist respirator
: General Hygiene Measure	Wash thoroughly after handling.
<b>10. Physical &amp; Chemical properties</b>	
: Description	Powder and Grains
: Color	Blue
: Odor	Pungent
: Solubility	Soluble
: Identification	TLC/ HPTLC comparison with standard
: pH of 1 % solution	6-8
: Bulk Density	Approximately 400/Kg M3

- 11. Stability & Reactivity**
- : Stability Stable
  - : Polymerization N/A
  - : Materials to Avoid Strong Oxidizing Agents
  - : Hazardous Decomposition No Hazardous Decomposition product if stored and handles as prescribed
- 12. : Toxicological data**
- The product is safe in therapeutic dose however the detailed toxicological data are not available
- 13. : Disposal Considerations**
- Dispose of product and packaging according to a recognized method of chemical waste disposal  
It is safe to dump under ground or incinerate
- 14. Transportation Information**
- : Not considered dangerous by IATA. So transportable by Air, Sea, Road.
- 15. Regulatory Information**
- : Non-hazardous according EC guidelines
- 16. Other Information**
- : These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Approved:**  
**QA Head**  
**Sodhani Biotique**