





Safety data sheet according to GHS

1. Identification

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| Identification of the Substance or mixture | Megawhite® HB powder |
| Recommended use of the product and restrictions on use | Optical Brightening agent. For Industrial use only. |
| Manufacturer/Supplier's details | Matex Bangladesh Limited Head Office : Biman Bhaban, 5 th Floor, 100 Motijheel C/A, Dhaka – 1000, Bangladesh Tel # 88-02-9562383, Fax # 88-02-9562387 Factory : East Chandora, Shafipur, Kaliakoir, Gazipur, Bangladesh. Tel & Fax # 88 – 06822 – 51166, Mobile # 01711 – 684530 e-mail : researchdevelopment@matexbd.com web: www.matexbd.com |
| Emergency Phone number | 880-6822-51166 ; Mobile # 01713425868 |

2. Hazard Identification

| GHS Classification | |
|---|---|
| Physical hazards | None |
| Health hazards | Acute Toxicity – Category 5 Skin Corrosion/irritant – Category 3 Serious eye damage/eye irritation – Category 2B |
| Environmental hazards | Hazardous to the aquatic environment – Not classified as hazardous Hazardous to the ozone layer – Not classified as hazardous |
| GHS Label |   |
| Signal Word | Warning |
| Hazard Statements | |
| H316 | Causes mild skin irritation |
| H320 | Causes eye irritation |
| H303 | May be harmful if swallowed |
| H313 | May be harmful in contact with skin |
| H333 | May be harmful if inhaled |
| Precautionary Statements | |
| Prevention | |
| P264 | Wash ...thoroughly after handling. |
| Response | |
| P332 + P337 + P313 P304 + P312 P305 + P351 + P338 | If skin irritation occurs/eye irritation persists : Get medical advice/attention. IF INHALED : Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if |



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| | present and easy to do. Continue rinsing. |
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3. Composition/information on ingredients

| Stillbene derivative | Ingredients | CAS No. | Concentration |
|----------------------|--------------|---------|---------------|
| | Confidential | - | Proprietary |

4. First Aid Measures

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| Skin Contact | If skin irritation occurs, get medical advice/attention. |
| Eye Contact | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. |
| Inhalation | Call a POISON CENTER or doctor/physician if you feel unwell. |
| Ingestion | If the person is conscious, rinse mouth with water. Do not induce vomiting unless directed to do so by a physician. |

5. Fire Fighting Measures

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| Extinguishing media | Foam, carbon dioxide, dry powder, water spray/fog. |
| Special exposure hazards | None |
| Special protective equipment for firefighters | As for fires involving chemicals; chemical protection suit, suitable gloves and boots, and self contained breathing apparatus. |

6. Accidental release measures

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| Personal precautions | Use personal protective equipment. |
| Environmental precautions | Do not discharge into drains or rivers. |
| Methods for cleaning up | Soak up with inert adsorbent material. Transfer into a suitable container (labeled salvage) for disposal by an appropriate method. |

7. Handling and storage

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| Precautions for safe handling | Do not eat, drink or smoke while handling the product. Wash hands after use. |
| Conditions for safe storage | Store in a cool, dry & ventilated area away from the sources of heat or ignition. |
| Shelf Life | 6 months. |

8. Exposure controls/personal protection

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| Control parameters | Ensure adequate ventilation, especially in confined areas. |
| Appropriate engineering controls | Use local exhaust ventilation as needed. |
| Individual protection measures (including PPE): | |
| Eye protection | Safety goggles. |
| Skin protection | Protective clothing. |
| Hand protection | Protective gloves. |
| Respiratory protection | Not required for properly ventilated areas. |



9. Physical and chemical properties

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| Appearance | Yellow powder |
| Odor | Odorless |
| pH (10% solution) | ca.8.0 |
| Melting point/Freezing point | Not determined |
| Boiling point/range | ca.90-100 °C |
| Flash point | Not available |
| Evaporation Rate | Not available |
| Flammability (solid/gas) | Not available |
| Explosive limits | Not available |
| Vapour pressure | Not available |
| Vapour density | Not available |
| Relative density | Not applicable |
| Solubility(ies) | Soluble in water. |
| Partition coefficient : n-octanol/water | Not available |
| Auto ignition temperature | Not available |
| Decomposition temperature | Not available |
| Viscosity | Not applicable |

10. Stability and reactivity

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| Reactivity | No reactivity hazards |
| Stability | Stable at room temperatures. |
| Possibility of hazardous reactions | None known |
| Conditions to avoid | Keep away from heat, sparks, open flame and other ignition sources. |
| Incompatible materials | Strong oxidizers. |
| Hazard decomposition products | Decomposition may produce fumes, smoke, oxides of carbon and hydrocarbons. |

11. Toxicological information

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| This product is not tested. The following assessment is based on analogy with a similar material. | |
| Acute toxicity | Oral/LD50/rat : > 5000 mg/kg |
| Skin corrosion/irritation | Mild irritation if in contact with skin |
| Serious eye damage/irritation | Mild irritation if in direct contact with eyes |
| Respiratory or skin sensitization | Data is not available |
| Germ cell mutagenicity | Data is not available |
| Carcinogenicity | Data is not available |
| Reproductive toxicity | Data is not available |
| STOT-single exposure | Data is not available |
| STOT-repeated exposure | Data is not available |
| Aspiration hazard | Data is not available |

12. Ecological information

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| This product is not tested. The following assessment is based on analogy with a similar material. |
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| Toxicity | Toxicity to microorganisms – DEV-L2 : > 500 mg/l |
| Persistence & degradability | > 70% biodegradable as static test, activated sludge/elimination by sedimentation or binding to sewage sludge. |
| Bioaccumulative potential | Data is not available |
| Mobility in soil | Data is not available |
| Other adverse effects | Data is not available |

13. Disposal considerations

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| Disposal methods | Dispose of contents/container in accordance with local regulation. |
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14. Transport information

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| UN Number | Not applicable |
| UN Proper Shipping Name | Not applicable |
| Transport hazard classes | Not applicable |
| Packing group, if applicable | Not applicable |
| Environmental hazards | None |
| Special precautions for user | None |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not applicable |

15. Regulatory Information

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| Safety, health and environmental regulations | None |
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16. Other information

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| Date of preparation | 24/04/2010 |
| Revision No. | 01 |
| Reason for revision | Updated as per GHS Standard Format |
| All ingredients are compliant with the requirements of European Directive on RoHS (Restriction of Hazardous Substances) | |
| Megawhite[®] is a registered trade name of Matex Bangladesh Limited | |

The information, data and recommendations stated herein are based upon the data of ingredients available to us and are considered to be reliable. However, it is the users responsibility to satisfy himself, by preliminary tests or otherwise, the suitability of such information for his own particular purpose, including mixing with other products. The purpose of this Material safety data sheet is to describe the material in terms of physical, health & environmental hazards. Matex Bangladesh Limited makes no warranties, either expressed or implied, with respect thereto and assumes no obligation/liability for the hazards connected with the use or handling of the material.