

**00396-5220**

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| <b>MAIMERI S.p.A.</b>                                                                                                                                                                                                                                                                                                                                                                  |                                                                       | Revision nr.14<br>Dated 04/02/2010<br>Printed on 04/02/2010<br>Page n. 1 / 3 |  |
| <b>MB PRUSSIAN BLUE</b>                                                                                                                                                                                                                                                                                                                                                                |                                                                       | <b>16402</b>                                                                 |  |
| <b>Safety Data Sheet</b>                                                                                                                                                                                                                                                                                                                                                               |                                                                       |                                                                              |  |
| <b>1. Identification of the substance / preparation and the Company</b>                                                                                                                                                                                                                                                                                                                |                                                                       |                                                                              |  |
| 1.1 Identification of the substance or preparation                                                                                                                                                                                                                                                                                                                                     |                                                                       |                                                                              |  |
| Code:                                                                                                                                                                                                                                                                                                                                                                                  | 16402                                                                 |                                                                              |  |
| Product name                                                                                                                                                                                                                                                                                                                                                                           | MB PRUSSIAN BLUE                                                      | 16402                                                                        |  |
| 1.2 Use of the substance / preparation                                                                                                                                                                                                                                                                                                                                                 |                                                                       |                                                                              |  |
| Intended use                                                                                                                                                                                                                                                                                                                                                                           | Water colour                                                          |                                                                              |  |
| 1.3 Company identification                                                                                                                                                                                                                                                                                                                                                             |                                                                       |                                                                              |  |
| Name                                                                                                                                                                                                                                                                                                                                                                                   | MAIMERI S.p.A.                                                        |                                                                              |  |
| Full address                                                                                                                                                                                                                                                                                                                                                                           | Via Gianni Maimeri, 1                                                 |                                                                              |  |
| District and Country                                                                                                                                                                                                                                                                                                                                                                   | 20060 Mediglia                                                        | (MI)                                                                         |  |
|                                                                                                                                                                                                                                                                                                                                                                                        | Italia                                                                |                                                                              |  |
|                                                                                                                                                                                                                                                                                                                                                                                        | Tel.                                                                  | +39 02 906981                                                                |  |
|                                                                                                                                                                                                                                                                                                                                                                                        | Fax                                                                   | +39 02 90698999                                                              |  |
| e-mail address of the competent person responsible for the Safety Data Sheet                                                                                                                                                                                                                                                                                                           | schedesicurezza@maimerispa.it                                         |                                                                              |  |
| Product distribution by                                                                                                                                                                                                                                                                                                                                                                | MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY |                                                                              |  |
| 1.4 Emergency telephone                                                                                                                                                                                                                                                                                                                                                                |                                                                       |                                                                              |  |
| For urgent inquiries refer to                                                                                                                                                                                                                                                                                                                                                          | +39 02 906981                                                         |                                                                              |  |
| <b>2. Hazards Identification.</b>                                                                                                                                                                                                                                                                                                                                                      |                                                                       |                                                                              |  |
| This product is not dangerous under 67/548/EEC and 1999/45/EC directives and subsequent amendments.                                                                                                                                                                                                                                                                                    |                                                                       |                                                                              |  |
| <b>3. Composition / Information on Ingredients.</b>                                                                                                                                                                                                                                                                                                                                    |                                                                       |                                                                              |  |
| The product is not classified as hazardous pursuant to directives 67/548/EEC and 1999/45/EC and subsequent amendments and upgrades and does not contain substances classified as being hazardous to human health or the environment pursuant to 67/548/EEC and subsequent amendments.                                                                                                  |                                                                       |                                                                              |  |
| <b>4. First aid measures.</b>                                                                                                                                                                                                                                                                                                                                                          |                                                                       |                                                                              |  |
| No episodes of damage to health ascribable to the product have been reported. Nevertheless, observance of good industrial hygiene is recommended.                                                                                                                                                                                                                                      |                                                                       |                                                                              |  |
| <b>5. Fire-fighting measures.</b>                                                                                                                                                                                                                                                                                                                                                      |                                                                       |                                                                              |  |
| <b>GENERAL INFORMATION</b>                                                                                                                                                                                                                                                                                                                                                             |                                                                       |                                                                              |  |
| Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. |                                                                       |                                                                              |  |
| <b>SUITABLE EXTINGUISHING MEDIA</b>                                                                                                                                                                                                                                                                                                                                                    |                                                                       |                                                                              |  |
| The extinction equipment should be of the conventional kind: carbon dioxide, foam, powder and nebulised water.                                                                                                                                                                                                                                                                         |                                                                       |                                                                              |  |
| <b>EXTINGUISHING MEDIA WHICH SHALL NOT BE USED FOR SAFETY REASONS</b>                                                                                                                                                                                                                                                                                                                  |                                                                       |                                                                              |  |
| None in particular.                                                                                                                                                                                                                                                                                                                                                                    |                                                                       |                                                                              |  |
| <b>HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE</b>                                                                                                                                                                                                                                                                                                                                 |                                                                       |                                                                              |  |
| Do not breathe combustion products (carbon oxide, toxic pyrolysis products, etc).                                                                                                                                                                                                                                                                                                      |                                                                       |                                                                              |  |
| <b>SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS</b>                                                                                                                                                                                                                                                                                                                                  |                                                                       |                                                                              |  |
| Hardhat with visor, fireproof clothing (fireproof jacket and trousers with straps around arms, legs and waist), work gloves (fireproof, cut proof and dielectric), a depressurised mask with facemask covering the whole of the operator's face or a self-respirator (self-protector) in the event of large quantities of fume.                                                        |                                                                       |                                                                              |  |

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| <b>MAIMERI S.p.A.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              | Revision nr.14<br>Dated 04/02/2010<br>Printed on 04/02/2010<br>Page n. 2 / 3 |
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| <b>MB PRUSSIAN BLUE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>16402</b> |                                                                              |
| <b>6. Accidental release measures.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |                                                                              |
| <p><b>PERSONAL PRECAUTIONS</b><br/>Use breathing equipment if fumes or powders are released into the air.</p> <p><b>ENVIRONMENTAL PRECAUTIONS</b><br/>The product must not penetrate the sewers, surface water, ground water and neighbouring areas.</p> <p><b>METHODS FOR CLEANING UP</b><br/>Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.</p> |              |                                                                              |
| <b>7. Handling and storage.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |                                                                              |
| Make sure that equipment is available for cooling the vessels, to prevent the danger of overpressure and overheating in the event of fire in the vicinity. Refer to the other sections of this data sheet for information relating to health and environmental risks.                                                                                                                                                                                                                                                           |              |                                                                              |
| <b>8. Exposure control / personal protection.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                                                                              |
| <b>8.1 Exposure limit values.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                                                                              |
| Not available.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |                                                                              |
| <b>8.2 Exposure controls.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |                                                                              |
| Observance of safety measures used in handling chemical substances.                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |                                                                              |
| <b>RESPIRATORY PROTECTION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |                                                                              |
| None required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |                                                                              |
| <b>EYE PROTECTION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |                                                                              |
| None required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |                                                                              |
| <b>HAND PROTECTION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |                                                                              |
| None required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |                                                                              |
| <b>SKIN PROTECTION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |                                                                              |
| None required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |                                                                              |
| <b>9. Physical and chemical properties.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |                                                                              |
| Colour                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              | DEEP BLUE                                                                    |
| Odour                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              | ARABIC GUM                                                                   |
| Appearance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |              | PASTE                                                                        |
| Solubility                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |              | INSOLUBLE, DILUTE WITH WATER                                                 |
| Viscosity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              | 20500 cps                                                                    |
| pH.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |                                                                              |
| Boiling point.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              | Not available.                                                               |
| Flash point.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | >            | 61 °C.                                                                       |
| Explosive properties.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              | Not available.                                                               |
| Vapour pressure.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              | Not available.                                                               |
| Specific gravity.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              | 0,2 Kg/l                                                                     |
| Solid content:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              | 46,93 %                                                                      |
| VOC (Directive 1999/13/EC) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |              | 0                                                                            |
| VOC (volatile carbon) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              | 0                                                                            |
| <b>10. Stability and reactivity.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |                                                                              |
| The product is stable in normal conditions of use and storage. In the event of thermal decomposition or fire, vapours potentially dangerous to health may be released.                                                                                                                                                                                                                                                                                                                                                          |              |                                                                              |
| <b>11. Toxicological Information.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |                                                                              |
| According to currently available data, this product has not yet produced health damages. Anyway, it must be handled carefully according to good industrial practices. This product may have slight health effects on sensitive people, by inhalation and/or cutaneous absorption and/or contact with eyes and/or ingestion.                                                                                                                                                                                                     |              |                                                                              |

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| <b>MB PRUSSIAN BLUE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>16402</b>                                                                 |
| <b>12. Ecological Information.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                              |
| Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                              |
| <b>13. Disposal consideration.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                              |
| Reuse, when possible. Neat product residues should be considered special non-hazardous waste.<br>Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.<br><b>CONTAMINATED PACKAGING</b><br>Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.                                                                                                                                                                                                                                                                                                                                                |                                                                              |
| <b>14. Transport Information.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                              |
| This product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                              |
| <b>15. Regulatory Information.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                              |
| Warning symbols: None.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                              |
| Hazard sentences (R): None.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                              |
| Caution recommendations (S): None.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                              |
| This product is not subject to hazard labeling under the 67/548/EEC and 1999/45/EC directives and following amendments and adjustments.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                              |
| <b>16. Other Information.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                              |
| GENERAL BIBLIOGRAPHY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                              |
| <ol style="list-style-type: none"> <li>1. Directive 1999/45/EC and following amendments;</li> <li>2. Directive 67/548/EEC and following amendments and adjustments (technical adjustment XXIX);</li> <li>3. Regulation (EC) 1272/2008 (CLP) of the European Parliament;</li> <li>4. Regulation (EC) 1907/2006 (REACH) of the European Parliament;</li> <li>5. The Merck Index. - 10th Edition;</li> <li>6. Handling Chemical Safety;</li> <li>7. Niosh - Registry of Toxic Effects of Chemical Substances;</li> <li>8. INRS - Fiche Toxicologique (toxicological sheet);</li> <li>9. Patty - Industrial Hygiene and Toxicology;</li> <li>10. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition;</li> </ol> |                                                                              |
| Note for users:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                              |
| The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                              |
| This document must not be regarded as a guarantee on any specific product property.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                              |
| The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                              |

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