



## Acid Ink Cartridge Grey

Revised 3 August, 2004

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Acid Dye Ink Cartridge Grey**  
 Product Code: **SPC-0247/0257/0355GR**  
 Company Identification  
 Manufacturer's Name/Supplier Address: Mimaki Engineering Co., Ltd.  
 5-9-41 Kita Shinagawa, Shinagawa-ku Tokyo 14-0001  
 Phone Number/Fax: 81-3-5420-8671 / 81-3-5420-8687  
 Contact Person: Masaaki Fujita

### 2. COMPOSITION / INGREDIENT INFORMATION

Components (% by weight)

| <u>Material</u>       | <u>CAS Number</u>            | <u>Contents%</u> | <u>Note</u> |
|-----------------------|------------------------------|------------------|-------------|
| <b>Company Secret</b> | (Mixture: Water-soluble ink) |                  |             |

### 3. HAZARDS IDENTIFICATION

**3.1 Emergency overview:**  
 Not enough Data for hazardous classification

**3.2 Potential Health Effects:**

**Eye:** Not enough Data  
**Skin:** Not enough Data

**Inhalation:** Not enough Data  
**Ingestion:** Not enough Data  
**Target Organ Effect:** Not enough data

**4 FIRST AID MEASURES**

- Eyes:** Immediately flush with large amounts of water for 15 minutes, hold eyelid apart to ensure irrigation. Get medical attention.
- Skin:** Wash skin thoroughly with soap and water. Remove contaminated clothing and wash thoroughly before reuse. Consult a physician if irritation continues.
- Inhalation:** Remove individual to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.
- Ingestion:** Rinse out the mouth several times with water. Then drink 2 to 3 glasses of water. Seek the attention of a physician if stomach continues to be upset.

**5 FIRE FIGHTING MEASURES**

- Flammability:** No Data available.
- Extinguishing Media:** Dry chemical, carbon dioxide, or alcohol foam.

**6 ACCIDENTAL RELEASE MEASURES**

Wear gloves, apron and goggles as protective measures. Ventilate the area with fresh air. For large spills, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Contain the spill. Use sponges to wipe up the ink, and then rinse the area with a damp cloth. Place waste in a closed container for disposal. Do not dispose of waste to the sewer or ground. Wash hands with soap and water.

**7 HANDLING AND STORAGE**

- 7.1 Handling:** Avoid eye contact with vapors, mists, or spray. Avoid breathing of vapors, mists or spray. Avoid prolonged or repeated skin contact. Do not eat, or drink when using this product. Wash exposed areas thoroughly with soap and water. For industrial or professional use only. Wear protection such as gloves, apron, goggles, etc.
- 7.2 Storage:** Store away from heat and humidity. Store out of direct sunlight. Keep container in a well-ventilated area.

**8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

- Engineering Controls:** None

|                             |  |
|-----------------------------|--|
| <b>Exposure Control:</b>    | Not established  |
| <b>Personal Protection:</b> | Not required under proper installation or removal of cartridge in or out of the Printer. Other handling use requires gloves, goggles, and apron. |

**9 PHYSICAL AND CHEMICAL PROPERTIES**

|                               |                                    |
|-------------------------------|------------------------------------|
| <b>Appearance:</b>            | Grey Liquid                        |
| <b>Odor:</b>                  | No odor                            |
| <b>pH:</b>                    | Approximately 8.6                  |
| <b>Boiling point:</b>         | No Data                            |
| <b>Steam pressure:</b>        | No data available                  |
| <b>Flash point:</b>           | Not detectable until 110°C (230°F) |
| <b>Auto flammability:</b>     | None                               |
| <b>Explosion lower limit:</b> |                                    |
| <b>Explosion upper limit:</b> |                                    |
| <b>Oxidizing properties:</b>  | None                               |
| <b>Vapor density:</b>         | No data                            |
| <b>Relative density:</b>      | No data available                  |
| <b>Solubility in water:</b>   | Soluble                            |
| <b>Solubility in fat:</b>     | No data available                  |
| <b>Partition coefficient:</b> | No data available                  |
| <b>Viscosity:</b>             | No data available                  |

**10 STABILITY AND REACTIVITY**

|  |                                 |
|--|---------------------------------|
| <b>Stability:</b>                        | Stable under normal temperature |
| <b>Hazardous Polymerization:</b>         | No data available               |
| <b>Hazardous decomposition products:</b> | No data available               |
| <b>Incompatibility:</b>                  | No data                         |

**11 TOXICOLOGICAL INFORMATION**

**Routes of Overexposure:** Eye, skin, inhalation, and oral ingestion

**Acute Health Hazards:** No Data Available

**Chronic Health Hazards:** None known

**Carcinogenicity:** None

**Toxicity:** Oral LD50      Dermal LD50      Inhalant LD50

**Eye Irritating:** Mild

**Skin Irritating:** Minimally irritating

**Skin sensitizing:** No data available

**12 ECOLOGICAL INFORMATION**

No data available on the adverse effects of this material on the environment.

**13 DISPOSAL CONSIDERATIONS**

Used and unused cartridges are not a federal RCRA hazardous waste. Disposal should be in accordance with federal, state, and local requirements.

**14 TRANSPORTATION INFORMATION**

Follow proper Handling and Storage.

**15 REGULATORY INFORMATION**

**US information:** None

**16 OTHER INFORMATION**

This "Material Safety Data Sheet" contains health, safety, and environmental information. It does not replace any precautionary language or use and disposal information which accompanies the product. The information contained herein is believed to be accurate at the time of preparation, but should only be used as a guide. It is subject to revision from time to time. Mimaki Engineering does not warrant the completeness or accuracy of the information contained herein.

**End of MSDS**