



# Worldwide Manufacturing, E.D.

Manufacturer and supplier of consumables for printers and copiers, where quality and prompt service come together

MSE83

Revised on: May 20, 2013

## MATERIAL SAFETY DATA SHEET

### Section 1. Product and Company identification

**Product name:** Ink jet inks

**Product codes:**

E83/B, E83/C, E83/M, E83/Y, E83/LC, E83/LM,  
E59/B, E59/C, E59/M, E59/Y, E59/LC, E59/LM, E59/LB, E59/LLB,  
E55/MB, E55/B, E55/C, E55/M, E55/Y, E55/R, E55/V,  
E87/MB, E87/B, E87/C, E87/M, E87/Y, E87/R, E87/O.

**Color:** Black, Cyan, Magenta, Yellow, Light Cyan, Light Magenta, Light Black, Light  
Light Black, Matte Black, Red, Violet, Orange,

**Manufacturer:** Worldwide Manufacturing, E.D.

114 Lenin Str.  
Sofiivska Borschagivka,  
Kiev-Svyatoshin,  
Kiev Region  
08131, Ukraine

**Chemical name:** Water-based ink for inkjet printers

**Emergency Phone:** tel. +380 44 4905155  
fax. +380 44 4927838

**web-site:** [www.wwm.ua](http://www.wwm.ua)

### Section 2. Composition information

№	Ingredient	% by weight	CAS №
1	Black or Color dye	5-15	-
2	Diethylene Glycol	1-5	111-46-6
3	Triethylene Glycol	1-5	112-27-6
4	Glycerin	2-3	56-81-5
5	2-Pyrrolidone	3-30	616-45-5
6	Salt-free water	70-90	7732-18-5

Additionally the product can contain modifiers to adjust chemical and physical characteristics.

### Section 3. Health Hazard Data

**Eyes and skin:** Moderately irritating to eyes & skin may result on contact. Contact with skin may cause irritation, redness.

**Ingestion:** Ingestion may result in gastric track disorder.

**Inhalation:** Not considered a health hazard under normal (recommended) conditions of use. Inhalation of dried out ink powder/dust may irritate the respiratory tract. Intentional exposure to ink vapors may cause respiratory irritation.

### Section 4. First aid measures

**Skin contact:** Wash off with soap and plenty of water. It is recommended to wash soiled clothing before use again. If irritation persists, call physician.

**Eyes contact:** Wash eyes immediately with water for about 10 minutes. If irritation persists, call physician.

**Inhalation:** Get person to fresh air. Call physician, if necessary.

**Ingestion:** Drink large amount of water. Call physician.

### Section 5. Fire fighting measures

**Flash point:** None

**Flammability:** Not flammable

**Extinguishing media:** Carbon dioxide, water, dry foam

**Special fire fighting procedures:** None

### Section 6. Accidental release measures

Spills should be swept up with absorbent material and wash off with water. Used materials should be placed into closed container for disposal. No eye protections required during clean up. Use gloves when cleaning.

### Section 7. Handling and storage

**Safe handling:** No special measures required when handling. Keep containers, drums and bottles with ink closed.

**Storage conditions:** The product should be stored in dark, cool, dry place, out of direct sunlight to avoid inks fading. The recommended temperature to store is between +5 and 25 degrees Centigrade.

### Section 8. Exposure controls and personal protection

**Exposure control:** None required

**Personal protection:** Avoid unnecessary skin contact; wear plastic or rubber chemical resistant gloves. Wash hands carefully after handling the products.

### Section 9. Physical/Chemical characteristics

**Boiling point:** > 100 deg. C

**Vapor pressure:** not tested

**Vapor density:** not tested

**Solubility in water:** miscible with any amount of water

**Specific gravity:** 1,05-1,30 g/sm<sup>3</sup>

**Melting point:** below 0 deg. C

**Evaporation rate:** not tested

**Appearance:** color liquid

**Odor:** odorless or mild odor

**pH:** 8-10

### Section 10. Stability and Reactivity

**Stability:** stable at the recommended handling and storage conditions.

**Conditions to avoid:** freezing, overheating, direct sunlight

**Hazardous polymerization:** will not occur

**Incompatible materials to avoid:** water different from salt-free or distilled, oxidizers, salts solutions  
**Hazardous decomposition products:** CO, CO<sub>2</sub>, nitrogen oxides

### **Section 11. Toxicology and health hazards**

**Possible effects of overexposure are:**

**Eyes:** May cause mild to severe eye irritation

**Skin:** May cause skin irritation

**Inhalation:** May cause respiratory tract irritation

**Ingestion:** May cause gastric track disorder

**Chronic health hazards:** none known at this time

### **Section 12. Ecological information**

No information available

### **Section 13. Disposal considerations**

Dispose of waste in accordance with federal, state and local regulations and laws.

### **Section 14. Transportation information**

No classification assigned.

### **Section 15. Regulatory information**

**Markings:** No mark after decree of danger matter.

**National regulations:** Not available

### **Section 16. Other information**

The information and recommendations contained herein are based upon data believed to be correct. This information relates to the products designated herein and cannot be valid for such product used in combination with any other product.

This MSDS supersedes any previous version of MSDS.