

# MATERIAL SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name DR-100 Toner  
 Product Code MVPX

This product is magnetic toner in a drum unit for Brother Industries, Ltd. Page Printer and Fax Receiver.

Manufacturer BROTHER INDUSTRIES, LTD.  
 1-1-1, Kawagishi-cho, Mizuho-ku, Nagoya 467, JAPAN  
 Telephone Number for Information +81-52-824-2771

Supplier BROTHER INTERNATIONAL EUROPE LTD.  
 Brother house, 1 Tame Street, Guide Bridge, Audenshaw, Manchester M34 5JE, UK  
 Telephone Number for Information +44-161-330-6531  
 Emergency Telephone Number +44-161-330-6531

Date of Preparation: July 7, 1994 (MSDS# - )  
 Date of Revision: June 10, 1997 MSDS# HLXEUR2

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

### HAZARDOUS INGREDIENTS

<u>INGREDIENT NAME</u> <u>CAS#</u>	<u>EEC#</u>	<u>% by weight</u>	<u>Symbol</u>	<u>R phrases</u>
Quaternary ammonium salt	N. A.	<0.5	N. A.	52/53

## 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

No critical hazards to man and the environment.

### POTENTIAL HEALTH EFFECTS

EYE CONTACT : Mechanical irritation may occur.  
 SKIN CONTACT : N. A.  
 INGESTION : N. A.  
 INHALATION : Minimal respiratory tract irritation may occur as with exposure to large amounts of any nontoxic dust.

CHRONIC EFFECTS / CARCINOGENICITY :  
 None.

**4. FIRST AID MEASURES**

EYE CONTACT : Flush immediately with running water.  
SKIN CONTACT : Wash with water and soap.  
INGESTION : Dilute with water and immediately induce vomiting.  
If necessary get medical attention.  
INHALATION : Remove to fresh air area. Aid in breathing if necessary and get medical attention.

**5. FIRE FIGHTING MEASURES**

EXTINGUISHING MEDIA :  
SUITABLE: Water,CO<sub>2</sub>,Form,Dry Chemical.  
NOT TO BE USED : None.

SPECIAL EXPOSURE HAZARDS : N. A.  
SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS :  
Gloves, goggles, mask.

**6. ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTION : Do not ingest or breath in. Avoid contact with skin and eyes.  
ENVIRONMENTAL PRECAUTION : Prevent contamination of soil, drain, and surface water.  
METHODES FOR CLEANING UP : Vacuum or sweep up dry powder. Avoid dust inhalation and contact.

**7. HANDLING AND STORAGE**

HANDLING : Avoid dust inhalation and contact.  
STORAGE : Keep containers closed. Store in a cool, dry place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

ENGINEERING CONTROLS : Not required under normal use.  
RESPIRATORY PROTECTION : Not required under normal use.  
HAND PROTECTION : Not required under normal use.  
EYE PROTECTION : Not required under normal use.  
SKIN PROTECTION : Not required under normal use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE : Fine black powder.  
ODOR : Practically odorless.  
pH : N. A.  
BOILING POINT : N. A.  
MELTING POINT : N. A.  
FLASH POINT : N. A.  
FLAMMABLE LIMITS : LEL :N. A. UEL :N. A.

AUTOIGNITION TEMPERATURE : N. A.  
VAPOR PRESSURE : N. A.  
SPECIFIC GRAVITY (H<sub>2</sub>O=1) : 1.42  
SOLUBILITY IN WATER : Insoluble.

**10. STABILITY AND REACTIVITY**

CONDITIONS TO AVOID : N. A.  
MATERIALS TO AVOID : N. A.  
HAZARDOUS DECOMPOSITION PRODUCTS : N. A.

**11. TOXICOLOGICAL INFORMATION**

EYE EFFECTS : N. A.  
SKIN EFFECTS : N. A.  
ACUTE ORAL EFFECTS : N. A.

**12. ECOLOGICAL INFORMATION**

N. A.

**13. DISPOSAL CONSIDERATIONS**

Dispose in accordance with local, state and federal regulations.

**14. TRANSPORT INFORMATION**

Not classified.

**15. REGULATORY INFORMATION**

Not classified.

**16. OTHER INFORMATION**

N. A. = Not Applicable

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Determination of suitability of any material for any given purpose is the sole responsibility of the user who assumes all risk and responsibility therefore. All materials may present unknown hazards and should be used with appropriate caution. The manufacturer cannot and does not guarantee that the hazards described herein are the only ones that exist.