

MATERIAL SAFETY DATA SHEET**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Name TN-100 Toner
Product Code MVP

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

Manufacturer BROTHER INDUSTRIES, LTD.
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Supplier BROTHER INTERNATIONAL EUROPE LTD.
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Date of Preparation: July 7, 1994 (MSDS# -)
Date of Revision: June 10, 1997 MSDS# HLXEUR1

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, CO₂, 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 (H₂O=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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