



Product Name

Issue Date : Oct. 29,1999

DR-400 Drum/f

MSDS No. : ZLD001

Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : Organic Photoconductor Drum for Model DR-400 and DR-6000
Manufacturer Name : Brother Industries, Ltd. Printer Products Division
Address : 1-1-1, Kawagishi, Mizuho-ku, Nagoya 467-8562, Japan
Telephone Number : +81-52-824-2771

Section 2. COMPOSITION/ INFORMATION ON INGREDIENTS

Hazardous Components (Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	NOHSC	%
Drum does not correspond to "Chemical" but to "Article", therefore we have no intention of announcing the ingredients.				

Section 3. HAZARDS IDENTIFICATION

Potential Health Effects

Ingestion : N.A.
Inhalation : N.A.
Eye Contact : N.A.
Skin Contact : N.A.

Section 4. FIRST AID MEASURES

First Aid Measures

Ingestion : N.A.
Inhalation : N.A.
Eye Contact : N.A.
Skin Contact : N.A.

Section 5. FIRE FIGHTING MEASURES

Extinguishing Media : Water, Foam, CO₂ or Dry chemical
Special Fire Fighting Procedures : Use self-contained breathing apparatus and gear in case of burning in large quantities.
Unusual Fire and Explosion Hazards: None under normal storage and use conditions.



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Section 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions : No special precaution.

Environmental Precautions: No special precaution.

Method for Cleaning Up : No special precaution.

Section 7. HANDLING AND STORAGE

Handling : None of safe handling advice.

Storage : Store in a cool, dry and dark place.

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines : None

Engineering Controls : None

Personal Protection Equipment(s)

Respiratory Protection : None required under normal use.

Eye/Face Protection : None required under normal use.

Skin Protection : None required under normal use.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Green solid cylinder
Odor	: Odorless
pH	: N.A.
Boiling Point	: N.A.
Melting Point	: >160°C
Decomposition Temperature	: N.A.
Flash Point	: N.A.
Flammable(explosive) Limits	: N.A.
Autoignition Temperature	: N.A.
Flammability	: N.A.
Explosive Properties	: N.A.
Oxidizing Properties	: N.A.
Vapor Pressure	: N.A.
Vapor Density	: N.A.
Density/Specific Gravity	: 1.3(H ₂ O=1)
Water Solubility	: Insoluble
Fat Solubility	: N.A.
Partition Coefficient(n-Octanol/Water)	: N.A.
Percent Volatile	: N.A.
Evaporation Rate	: N.A.



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Section 10. STABILITY AND REACTIVITY

Stability : Stable
Conditions to avoid : None
Materials to Avoid : Strong oxidizers, Organic solvent
Hazardous Decomposition Products: None
Hazardous Polymerization : Will not occur.
Conditions to avoid : None

Section 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : N.A.
Acute dermal toxicity : N.A.
Acute inhalation toxicity : N.A.
Acute eye irritation : N.A.
Acute skin irritation : N.A.
Skin sensitisation : N.A.
Mutagenicity : Ames Test is Negative.
Reproductive Toxicity : No reproductive toxicant, according to MAK, Proposition 65, TRGS 905 and EU Directive.
Carcinogenicity : No carcinogen or potential carcinogen, according to IARC, Japan Association on Industrial Health, ACGIH, EPA, OSHA, NTP, ILO, MAK, Proposition 65, TRGS 905 and EU Directive.
Others : None

Section 12. ECOLOGICAL INFORMATION

Mobility : No data available
Persistence Degradability : No data available
Bioaccumulation : No data available
Ecotoxicity : No data available
Other Adverse Effects : No data available

Section 13. DISPOSAL CONSIDERATIONS

Method of Disposal : Dispose in accordance with local, state and federal regulations.
Used OPC drum is considered as a nonflammable waste.

Section 14. TRANSPORT INFORMATION

UN No. : None
UN Shipping Name : None
UN Classification : None



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UN Packing Group : None

Special Precautions : None

Section 15. REGULATORY INFORMATION

Label information according to the Directives 88/379/EEC and 67/548/EEC(EU)

Symbol and Indication : Not required

R-Phrase : Not required

S-Phrase : Not required

Dangerous Component(s) : None

Other : None

Section 16. OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. However, we cannot assume any liability whatsoever for the accuracy or completeness of the information contained herein.