

Product Name

Issue Date : Sep. 5, 2005

DR-520 / DR-3100 Series Drum

MSDS No. : ALD001

Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Organic Photoconductor Drum for Models DR-520, DR-3100, DR-3115, DR-3150, and DR-31J

Manufacturer: Brother Industries, Ltd.
Information & Document Company
1-1-1, Kawagishi, Mizuho-ku, Nagoya 467-8562, Japan
Telephone (for information): +81-52-824-2545

Importer in USA: Brother International Corporation
100 Somerset Corporate Boulevard, P.O. Box 6911, Bridgewater, NJ 08807-0911, USA
Telephone (for information): 800-284-4329

Importer in Canada: Brother International Corporation (Canada) Ltd.
1 Hotel De Ville, Dollard des Ormeaux, Quebec, H9B 3H6, Canada
Telephone (for information): 514-685-0600

Importer in Europe: Brother International Europe Ltd.
Brother House, 1 Tame Street, Guide Bridge, Audenshaw, Manchester M34 5JE, UK
Telephone (for information): +44-161-330-6531

Importer in Australia: Brother International (Aust.) Pty. Ltd. ACN 001 393 835
7 Khartoum Road, North Ryde, N.S.W. 2113, Australia
Telephone (for information): 02-9887-4344

We do not provide 24 hour cover for information contact. Please telephone to the above office appropriate to you during our business hours.

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.

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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 protective gear in case of burning in large quantities.

Unusual Fire and Explosion Hazards: None under normal storage and use conditions.

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 or black solid cylinder

Odor : Odorless

pH : N.A.

Boiling Point : N.A.

Melting Point : >160°C

Decomposition Temperature : N.A.

Flash Point : N.A.

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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.

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

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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

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

Others

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.