

APM
All about Inkjet

Safety information under 2001/58/EG

Ink Jet Ink dyebased cyan for Brother LC 1000

Information sheet no.1185

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Publishing date: 02.02.2011

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1. Description of substance/ preparation and company's details

Trade name:

Ink for Brother LC 970 / 980 / 1000 / 1100 cyan

Usage of the substances/ the preparation

Printing Ink

Company's details:

APM

Lise-Meitner Str. 5-9

D - 42119 Wuppertal

Germany

Phone: +49-202-2418110

Information on substance and preparation

Phone: +49-202-2418110

Emergency-hotline in case of intoxication: +49-202-2418110

2. Composition / specifications of constituents

Chemical characterisation:

Watery dyebased preparation

Dangerous Contents:

Chemical description	concentration	CAS-No.	symbol of danger	R- Records
Ethandiol	< 5 %	107-21-1	Xn	R 22
2-Propanol	< 5 %	67-63-0	F,Xi	R 11-36-67

3. Possible risks:

Due to the current state of knowledge and when the product is handled properly there are no hazardous effects on man and nature.

4. First aid measures

After inhalation of aerosols/fumes/dusts

Bring affected person to fresh air; rinse nose and mouth with water; in case of breathing difficulties medical assistance required

Contact with skin:

Clean with a lot of water and soap. Remove contaminated clothes. In case of complaints consult a doctor.

Contact with eyes:

Rinse with large amounts of water with eyelids open. In case of complaints consult an eye specialist immediately.

After swallowing:

Drink large amounts of water. Do not cause vomiting. Consult a doctor when unwell.

5. Measures for fire-fighting

Appropriate extinguishing agents:

Foam, dry powder fire extinguishing agent, carbon dioxide

Additional Information: not inflammable

6. Measures when unintentionally released

Wipe up with absorbent material. Clean affected area with large amounts of water, possibly using detergents.

Prevent from entering water and groundwater.

7. Handling and storage

No special measurements required.

Storage in conventional plastic containers, frost-free and not warmer than 45°C.

Keep away from food.

8. Restriction of exposition and personal protective equipment

The standard precautionary measures when dealing with chemicals are to be adhered to, as for example the use of protective goggles and rubber gloves when handling larger amounts of ink.

9. Physical and chemical properties

Form:	fluid
Colour:	blue
Smell:	weak
pH-value:	9 – 10
boiling-point:	not determined
Solidificationtemperature:	not determined
Density:	1,045 g/ml
Steam pressure:	not determined
Viscosity:	1,9– 2,1 mm ² /s with 25°C
Conductivity:	2 – 3 mS/cm
Solubility in water:	mixable
Flaming point:	not determined
Ignition temperature:	not determined

10. Stability and reactivity

Stable fluid preparation. No thermal decomposition when handled and stored properly. Avoid contact to acids.

11. Details on toxicology

No data available

12. Details on ecology

No data available

13. Advice on disposal

When disposing larger amounts of ink and uncleaned packaging the local official rules of hazardous waste have to be taken into account.

Smaller amounts can (as the case may be after watering down) be brought into the local sewage disposal or put into the domestic waste when together with absorbent material.

Cleaned packaging can be used again or utilised substantially.

14. Details on transport

No dangerous goods.

15. Regulations

Identification using EU- code of standards:

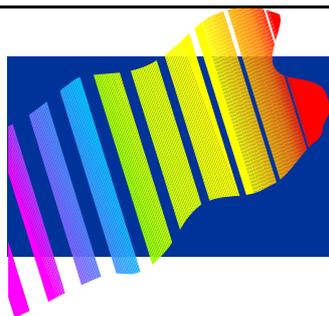
Identification not required.

German Regulations:

Water pollution class: 2 (hazardous to waters) self-rating of the manufacturer

16. Further details:

All information given are based on the current state of knowledge and experience. These security information describe products in terms of security requirements. Applicable regulations and provisions have to be followed by each user accepting full responsibility.



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Ink Jet Ink dyebased magenta for Brother LC 1000

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1. Description of substance/ preparation and company's details

Trade name:

Ink for Brother LC 970 / 980 / 1000 / 1100 magenta

Usage of the substances/ the preparation

Printing Ink

Company's details:

APM

Lise-Meitner Str. 5-9

D - 42119 Wuppertal

Germany

Phone: +49-202-2418110

Information on substance and preparation

Phone: +49-202-2418110

Emergency-hotline in case of intoxication: +49-202-2418110

2. Composition / specifications of constituents

Chemical characterisation:

Watery dyebased preparation

Dangerous Contents:

Chemical description	concentration	CAS-No.	symbol of danger	R- Records
Ethandiol	< 10 %	107-21-1	Xn	R 22
2-Propanol	< 5 %	67-63-0	F,Xi	R 11-36-67

3. Possible risks:

Due to the current state of knowledge and when the product is handled properly there are no hazardous effects on man and nature.

4. First aid measures

After inhalation of aerosols/fumes/dusts

Bring affected person to fresh air; rinse nose and mouth with water; in case of breathing difficulties medical assistance required

Contact with skin:

Clean with a lot of water and soap. Remove contaminated clothes. In case of complaints consult a doctor.

Contact with eyes:

Rinse with large amounts of water with eyelids open. In case of complaints consult an eye specialist immediately.

After swallowing:

Drink large amounts of water. Do not cause vomiting. Consult a doctor when unwell.

5. Measures for fire-fighting

Appropriate extinguishing agents:

Foam, dry powder fire extinguishing agent, carbon dioxide

Additional Information: not inflammable

6. Measures when unintentionally released

Wipe up with absorbent material. Clean affected area with large amounts of water, possibly using detergents.

Prevent from entering water and groundwater.

7. Handling and storage

No special measurements required.

Storage in conventional plastic containers, frost-free and not warmer than 45°C.

Keep away from food.

8. Restriction of exposition and personal protective equipment

The standard precautionary measures when dealing with chemicals are to be adhered to, as for example the use of protective goggles and rubber gloves when handling larger amounts of ink.

9. Physical and chemical properties

Form:	fluid
Colour:	red
Smell:	weak
pH-value:	8 - 9
boiling-point:	not determined
Solidificationtemperature:	not determined
Density:	1,040 g/ml
Steam pressure:	not determined
Viscosity:	1,9– 2,1 mm ² /s with 25°C
Conductivity:	5 – 7 mS/cm
Solubility in water:	mixable
Flaming point:	not determined
Ignition temperature:	not determined

10. Stability and reactivity

Stable fluid preparation. No thermal decomposition when handled and stored properly. Avoid contact to acids.

11. Details on toxicology

No data available

12. Details on ecology

No data available

13. Advice on disposal

When disposing larger amounts of ink and uncleaned packaging the local official rules of hazardous waste have to be taken into account.

Smaller amounts can (as the case may be after watering down) be brought into the local sewage disposal or put into the domestic waste when together with absorbent material.

Cleaned packaging can be used again or utilised substantially.

14. Details on transport

No dangerous goods.

15. Regulations

Identification using EU- code of standards:

Identification not required.

German Regulations:

Water pollution class: 2 (hazardous to waters) self-rating of the manufacturer

16. Further details:

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Safety information under 2001/58/EG

Ink Jet Ink dyebased yellow for Brother LC 1000

Information sheet no.1187

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1. Description of substance/ preparation and company's details

Trade name:

Ink for Brother LC 970 / 980 / 1000 / 1100 yellow

Usage of the substances/ the preparation

Printing Ink

Company's details:

APM

Lise-Meitner Str. 5-9

D - 42119 Wuppertal

Germany

Phone: +49-202-2418110

Information on substance and preparation

Phone: +49-202-2418110

Emergency-hotline in case of intoxication: +49-202-2418110

2. Composition / specifications of constituents

Chemical characterisation:

Watery dyebased preparation

Dangerous Contents:

Chemical description	concentration	CAS-No.	symbol of danger	R- Records
Ethandiol	< 10%	107-21-1	Xn	R 22
2-Propanol	< 5 %	67-63-0	F,Xi	R 11-36-67

3. Possible risks:

Due to the current state of knowledge and when the product is handled properly there are no hazardous effects on man and nature.

4. First aid measures

After inhalation of aerosols/fumes/dusts

Bring affected person to fresh air; rinse nose and mouth with water; in case of breathing difficulties medical assistance required

Contact with skin:

Clean with a lot of water and soap. Remove contaminated clothes. In case of complaints consult a doctor.

Contact with eyes:

Rinse with large amounts of water with eyelids open. In case of complaints consult an eye specialist immediately.

After swallowing:

Drink large amounts of water. Do not cause vomiting. Consult a doctor when unwell.

5. Measures for fire-fighting

Appropriate extinguishing agents:

Foam, dry powder fire extinguishing agent, carbon dioxide

Additional Information: not inflammable

6. Measures when unintentionally released

Wipe up with absorbent material. Clean affected area with large amounts of water, possibly using detergents.

Prevent from entering water and groundwater.

7. Handling and storage

No special measurements required.

Storage in conventional plastic containers, frost-free and not warmer than 45°C.

Keep away from food.

8. Restriction of exposition and personal protective equipment

The standard precautionary measures when dealing with chemicals are to be adhered to, as for example the use of protective goggles and rubber gloves when handling larger amounts of ink.

9. Physical and chemical properties

Form:	fluid
Colour:	yellow
Smell:	weak
pH-value:	8 – 9
boiling-point:	not determined
Solidificationtemperature:	not determined
Density:	1,040 g/cm ³
Steam pressure:	not determined
Viscosity:	1,9– 2,1 mm ² /s with 25°C
Conductivity:	4,5 – 5,5 mS/cm
Solubility in water:	mixable
Flaming point:	not determined
Ignition temperature:	not determined

10. Stability and reactivity

Stable fluid preparation. No thermal decomposition when handled and stored properly. Avoid contact to acids.

11. Details on toxicology

No data available

12. Details on ecology

No data available

13. Advice on disposal

When disposing larger amounts of ink and uncleaned packaging the local official rules of hazardous waste have to be taken into account.

Smaller amounts can (as the case may be after watering down) be brought into the local sewage disposal or put into the domestic waste when together with absorbent material.

Cleaned packaging can be used again or utilised substantially.

14. Details on transport

No dangerous goods.

15. Regulations

Identification using EU- code of standards:

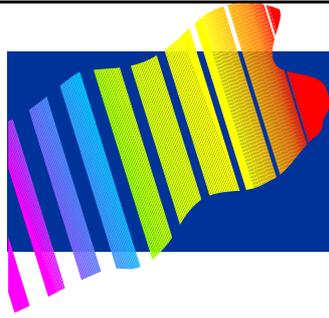
Identification not required.

German Regulations:

Water pollution class: 2 (hazardous to waters) self-rating of the manufacturer

16. Further details:

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Safety information under 2001/58/EG

Ink Jet Ink pigmented black for Brother LC 1000

Information sheet no.: 1188

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1. Description of substance/ preparation and company's details

Trade name:

Ink for Brother LC 970 / 980 / 1000 / 1100 black-pigmented

Usage of the substances/ the preparation

Printing Ink

Company's details:

APM

Lise-Meitner Str. 5-9

D - 42119 Wuppertal

Germany

Phone: +49-202-2418110

Information on substance and preparation

Phone: +49-202-2418110

Emergency-hotline in case of intoxication: +49-202-2418110

2. Composition / specifications of constituents

Chemical characterisation:

Watery pigment preparation (80%)

Dangerous Contents:

Chemical description	concentration	CAS-No.	symbol of danger	R- Records
Diethylenglykol	< 5%	111-46-6	Xn	R 22
Butyldiglykol	< 5%	112-34-5	Xi	R 36

3. Possible risks:

Due to the current state of knowledge and when the product is handled properly there are no hazardous effects on man and nature.

4. First aid measures

After inhalation of aerosols/fumes/dusts
Bring affected person to fresh air; rinse nose and mouth with water; in case of breathing difficulties medical assistance required

Contact with skin:

Clean with a lot of water and soap. Remove contaminated clothes. In case of complaints consult a doctor.

Contact with eyes:

Rinse with large amounts of water with eyelids open. In case of complaints consult an eye specialist immediately.

After swallowing:

Drink large amounts of water. Do not cause vomiting. Consult a doctor when unwell.

5. Measures for fire-fighting

Appropriate extinguishing agents:

Foam, dry powder fire extinguishing agent, carbon dioxide

Additional Information: not inflammable

6. Measures when unintentionally released

Wipe up with absorbent material. Clean affected area with large amounts of water, possibly using detergents.

Prevent from entering water and groundwater.

7. Handling and storage

No special measurements required.

Storage in conventional plastic containers, frost-free and not warmer than 45°C.

Keep away from food.

8. Restriction of exposition and personal protective equipment

The standard precautionary measures when dealing with chemicals are to be adhered to, as for example the use of protective goggles and rubber gloves when handling larger amounts of ink.

9. Physical and chemical properties

Form:	fluid
Colour:	black
Smell:	none
pH-value:	6 – 8
boiling-point:	not determined
Solidificationtemperature:	not determined
Density:	1,045 g/cm ³
Steam pressure:	not determined
Viscosity:	2,2 - 2,5 mm ² /s with 25°C
Conductivity:	less 1 mS/cm at 25°C
Solubility in water:	mixable
Flaming point:	not determined

Ignition temperature: not determined

10. Stability and reactivity

Stable fluid preparation. No thermal decomposition when handled and stored properly. Avoid contact to acids.

11. Details on toxicology

No data available

12. Details on ecology

No data available

13. Advice on disposal

When disposing larger amounts of ink and uncleaned packaging the local official rules of hazardous waste have to be taken into account.
Smaller amounts can (as the case may be after watering down) be brought into the local sewage disposal or put into the domestic waste when together with absorbent material.
Cleaned packaging can be used again or utilised substantially.

14. Details on transport

No dangerous goods.

15. Regulations

Identification using EU- code of standards:

Identification not required.

German Regulations:

Water pollution class: 2 (hazardous to waters) self-rating of the manufacturer

16. Further details:

All information given are based on the current state of knowledge and experience. These security information describe products in terms of security requirements. Applicable regulations and provisions have to be followed by each user accepting full responsibility.