

SAFETY DATA SHEET



1. IDENTIFICATION OF THE SUBSTANCE PREPARATION AND COMPANY UNDERTAKING

PRODUCT NAME: Dataproducts Lexmark 18C0034 Black COMPATIBLE INKJET CARTRIDGE
APPLICATION: Suitable for INKJET Printers

SUPPLIER: Clover Portugal Unipessoal, Lda.
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS-No.	Content
2-PYRROLIDONE	616-45-5	10-20 %
CARBON BLACK	1333-86-4	1-10 %

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

The Data Shown is in accordance with the latest EC Directives.

3 HAZARDS IDENTIFICATION

The product is not classified as dangerous. It contains irritant organic solvents.

4 FIRST-AID MEASURES

GENERAL INFORMATION:

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to all unconscious person.

INHALATION:

Remove to fresh air., keep the patient warm and rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position and seek medical advice.

INGESTION:

If accidentally swallowed obtain immediate medical attention. Keep at rest. Do not induce vomiting.

SKIN CONTACT:

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do not use solvents or thinners.

EYE CONTACT:

Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least ten minutes, holding the eyelids apart, and seek medical advice.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA:

Recommended: Alcohol resistant foam, CO2, powder, water spray/mist.

Not to be used: Water jet

RECOMENDATIONS

Fire will produce dense black smoke containing hazardous products of combustion (see section 10). Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or watercourses.

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6 ACCIDENTAL RELEASE MEASURES

Exclude sources of ignition and ventilate the area. Exclude non-essential personnel.

Refer to protective measures listed in Sections 7 and 8. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal in accordance with the waste regulations (see Section 13). Do not allow entering drains or watercourses.

Clean preferably with a detergent; avoid the use of solvents

7 HANDLING AND STORAGE

USAGE PRECAUTIONS:

Keep the container tightly closed. Exclude sources of heat and open flame. Avoid skin and eye contact. Smoking, eating and drinking should be prohibited in areas of storage and use. For personal protection, see Section 8.

To avoid contamination always keep in containers made of the same material as the supply container

STORAGE PRECAUTIONS:

Store between 5 and 35 °C in a dry, well-ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorized access. Containers that are opened should be properly resealed and kept upright to prevent leakage. Store separately from oxidizing agents and strongly alkaline and strongly acidic materials.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT COMMENTS:

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT:

Provide adequate ventilation

Personal protection:

All personal protective equipment, including respiratory protective equipment, used to control exposure to hazardous substances must be selected to meet good industrial practice.

Respiratory protection:

Not required at normal use temperatures.

Hand protection:

Rubber and PVC gloves. Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection.

Eye protection:

Eye protection designed to protect against liquid splashes should be worn.

Skin protection:

Cotton or cotton/synthetic overalls or coveralls are normally suitable.

Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

HYGIENE MEASURES:

Wash at the end of each work shift and before eating, smoking and using the toilet.

DO NOT SMOKE IN WORK AREA!

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9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Black liquid with a mild odor.
SOLUBILITY:	Completely miscible in water
MELTING POINT (°C):	N/A
VAPOUR DENSITY(Air=1):	heavier than air
BOILING POINT(@760 mmHg):	212°F/101°C
SPECIFIC GRAVITY (H ₂ O=1):	1.00-1.10
VAPOUR PRESSURE:	17.5mmHG
EVAPORATION RATE:	< Butyl Acetate
P.H. :	7.0-8.5
FREEZING POINT:	N/A
COEFFICIENT OF WATER/OIL:	N/A

10 STABILITY AND REACTIVITY

Stable under the recommended storage and handling conditions. (See section 7). In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide, oxides of nitrogen and acrylic monomers may be produced.
Keep away from oxidizing agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction

11 TOXICOLOGICAL INFORMATION

There is no data available on the product itself.

- - Pyrrolidone Solvent LD50 (oral/rat) 6500 mg / kg

67-63-0 Isopropanol LD50 (oral/rat) >2000 mg / kg

12 ECOLOGICAL INFORMATION

There is no data available on the product itself. The product should not be allowed to enter drains or watercourses or be deposited where it can affect ground or surface waters.

67-63-0 Isopropanol Toxicity in fishes LC50 9600 mg / kg

13 DISPOSAL CONSIDERATIONS

The product (ink) should not be allowed to enter drains or watercourses, or disposed of ground or surface water may be affected. Wastes, including empties cartridges are controlled wastes and should be disposed of in accordance with local regulations. Recommended crushing or other means to prevent unauthorized reuse of cartridges.

14 TRANSPORT INFORMATION

GENERAL:

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID). The product is not classified as dangerous for transport purposes

15 REGULATORY INFORMATION

This product is classified and labelled for supply as follows:

The product is determined as not being dangerous.

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks as required by other health and safety legislation.

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16 OTHER INFORMATION

ISSUED BY: Clover Portugal

REVISION DATE: 08/07/2008

SAFETY DATA SHEET STATUS: Approved.

RISK PHRASES IN FULL

Symbol letter:

(Xi) IRRITANT

(F) FLAMMABLE

R-phrases:

R11. - Highly flammable.

R36. - Irritating to eyes.

R36/38. - Irritating to eyes and skin.

R67. - Vapours may cause drowsiness and dizziness.

Ref: EN_MSDS_Inkjet_Lexmark 18C0034 black rev02

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.