

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product: ink used to fill OB-I4076B BL cartridge

Supplier: Supplies Team

Address: Sheffield Airport Business Park, Europa Link, Sheffield, S9 1 XU

Information Phone: 0114 256 6000

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No.	EC No.	Chemical Family	Conc. Range	R-phrases	Symbol letter
616-45-5	210-483-1	2-pyrrolidone (blk)	< 5 %	R22, 36/37/38	Xn
- -	- -	Aqueous disazo dye solution (blk)	5-10 %	R22, 38	Xn
112-34-5	203-961-6	2-(2-butoxyethoxy) ethanol (cols)	5-10 %	R36	Xi

3. HAZARDS IDENTIFICATION

No hazard expected under normal conditions of use. See Section 16.1 for ingredient R-Phrases

4. FIRST AID MEASURES

Inhalation:

Remove to fresh air, keep the patient warm and rest.

Eye contact:

If substance has got into eyes, immediately wash out with plenty of water.

Skin contact:

Wash affected area with plenty of soap and water.

Ingestion:

Give water or milk to drink. Seek immediate medical attention.

General:

When in doubt or when symptoms persist, seek medical attention.

5. FIRE FIGHTING MEASURES

Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions.

Toxic and irritant fumes may be formed.

6. ACCIDENTAL RELEASE MEASURES

Shut off all ignition sources. Absorb spillage in suitable inert material. Ventilate the area and wash spill site after material pick-up is complete.

See Section 13.

7. HANDLING AND STORAGE

Handling:

The usual precautions for handling chemicals should be observed.

Storage:

Keep in a cool, dry, well ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

General:

Use good personal hygiene practices.

EXPOSURE LIMITS

2-pyrrolidone (blk)	No exposure limits have been set for this substance
Aqueous disazo dye solution (blk)	No exposure limits have been set for this substance
2-(2-butoxyethoxy) ethanol (cols)	No exposure limits have been set for this substance

9. PHYSICAL AND CHEMICAL PROPERTIES

Liquid, coloured, miscible with water
Perceptible odour
Non-combustible
Boiling point ND deg C
Flash point NA deg C (CC)
Melting point ND deg C
Auto-ignition point ND deg C
pH 7.38-8.18
Density 1.02-1.04 g/cm³ at 25 deg C
Vapour pressure ca 23 mbar
Fat solubility ND kg/l
Partition coefficient: n-Octanol/water ND
Viscosity 1.30-1.86 centipoise at 25 deg C

10. STABILITY AND REACTIVITY

Keep away from heat and strong oxidizing substances. Decomposition products may include nitrogen and carbon oxides.

11. TOXICOLOGICAL INFORMATION

By comparison with another product:
LD50 (oral, rat) > 45 000 mg/kg
Vapours or aerosols may cause irritation of eyes, nose and respiratory tract.
May cause gastrointestinal disturbances.

12. ECOLOGICAL INFORMATION

Water Hazard Class 1 (Company).

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.

14. TRANSPORT INFORMATION

Regulations:

Proper shipping name: N/A

General:

The product is not classified as hazardous for transport.

15. REGULATORY INFORMATION

Not hazardous according to current Dangerous Preparations Directive (1999/45/EC)

Not hazardous according to current CHIP Regulations.

Not hazardous according to current Gefährliche Stoffe Verordnung.

Not classified as hazardous for users.

The information provided about the product on this safety data sheet has been compiled from knowledge of the individual constituents.

Risk phrase:

None assigned.

Safety phrase:

None assigned.

16. OTHER INFORMATION

Ingredient R-phrases: R22. - Harmful if swallowed.
R36. - Irritating to eyes.
R36/37/38.- Irritating to eyes, respiratory system and skin.
R38. - Irritating to skin.

The product as contained within an inkjet cartridge and used according to normal usage, doesn't present environmental or health risks. The cartridge should not be treated in such a way as no ink spill into the environment without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of this product are outside the supplier's control, the user is responsible for ensuring that requirements of relevant legislation are complied with.

The information contained in this safety data sheet is provided in accordance with the requirements of the regulations. The product as contained within an inkjet cartridge and used according to normal usage, doesn't present environmental or health risks. The cartridge should not be treated in such a way as no ink spills into the environment without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of this product are outside the supplier's control, the user is responsible for ensuring that requirements of relevant legislation are complied with.

The information contained herein is for health and safety guidance only and does not constitute a specification. It is, to the best of our knowledge and belief, accurate. However since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the end user to comply with all applicable laws and regulations.

Nothing contained herein is to be construed as a recommendation for use in violation of any patents or of applicable laws or regulations.