

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product: ink used to fill OB-I49A CL 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.	EEC No.	Chemical Name	%	Hazard symbol	Risk Phrases
112-34-5	203-961-6	2-(2-Butoxyethoxy) Ethanol	< 10	Xi	R36
67-63-0	200-661-7	Isopropyl Alcohol	< 5	F, Xi	R11, 36, 67

R11= Highly flammable;

R36= Irritating to eyes;

R67= Vapours may cause drowsiness and dizziness.

The remaining ingredients, do not present a health hazard within the meaning of the EC/CHIP regulations

**3. HAZARDS IDENTIFICATION**

Classification (CHIP): None required.

Main health hazards: Not expected to present any hazard to health under normal conditions of anticipated use.

**4. FIRST AID MEASURES**

**Inhalation:** N/A

**Skin Contact:** Wash from skin using soap and water.

**Eye Contact:** Flush thoroughly with water. If soreness or redness persists, seek medical attention.

**Ingestion:** DO NOT induce vomiting, encourage casualty to drink water. Seek medical advice.

**5. FIRE FIGHTING MEASURES**

Flammability: Product is non flammable.

Combustion products: None known.

Extinguishing media: In event of fire use CO<sub>2</sub>, foam, dry powder or vaporising liquid

**6. ACCIDENTAL RELEASE MEASURES**

Mop or soak up spillages in absorbent material. Dispose of in accordance with Local Authority Regulations.

**7. HANDLING AND STORAGE**

**Handling:**

Avoid prolonged skin contact. Wear gloves and safety glasses if splashing is likely.

**Storage:**

Normal cool warehouse conditions.

**Fire prevention:**

Not applicable.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Respiratory protection:**

Not essential.

**Eye and skin protection:**

Wear safety glasses and gloves if splashing is likely.

**OCCUPATIONAL EXPOSURE LIMITS**

Chemical Name	LTEL (8hrs)		STEL (10min)	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
2-(2-Butoxyethoxy) Ethanol	Not assigned by HSE (1) or ACGIH (2)			
Iso propyl Alcohol	400	990	500	1250

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid  
Flash point: >100° C  
Vapour density: N/A  
Solubility in water: Completely miscible  
Vapour Pressure: N/A  
Density: Approx. 1.0  
Auto ignition Point: N/A  
pH: Approx. 7  
Melting Point: N/A  
Explosive limits: N/A

## 10. STABILITY AND REACTIVITY

Chemical reactivity: Stable  
Decomposition products: None  
Materials / conditions to avoid: None

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity LD<sub>50</sub>: Acute / oral / rat: > 5000mg/kg

## 12. ECOLOGICAL INFORMATION

2-(2-Butoxyethoxy) Ethanol: LC<sub>50</sub>/48h/Leuciscus idus = 1805-2304mg/l

Iso Propyl Alcohol: EC<sub>50</sub>/24h/Daphnia = > 1000mg/l LC<sub>50</sub>/96h/Fathead minnow = 9600mg/l

Product not investigated. No environmental problems expected if handled and treated in accordance with standard industrial practices and local regulations where applicable.

## 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

Proper shipping name: Not applicable.  
UN number: Not applicable.  
IMDG code: Not applicable.  
ICAO/IATA class: Not applicable.  
Marine pollutant:

Packing group: Not applicable.  
IMDG class: Not applicable.  
RID/ADR: Not applicable.  
Hazard warning sign: Not applicable.

## 15. REGULATORY INFORMATION

CHIP labeling- Symbol: None required. Hazard: None Contains:  
Other suggested labelling: None

## 16. OTHER INFORMATION

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.

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