

## SAFETY DATA SHEET

03-3538-11

1. PRODUCT & COMPANY IDENTIFICATION

· WRITING INK NAMES CX-B,R,L,G,V,P,LB

· WRITING INSTRUMENT NAMES

- BL-VB5(C)-B,R,L,G,V,P,LB
- BL-VB7(C)-R,L,G
- BLGP-VB5-B,R,L,G
- BLGP-VB7-R,L,G
- BLGP-VB10-R,L,G
- LVE-10EF-B,R,L
- BLN-VBG5-B,R,L,G · BLS-VBG5-B,R,L,G
- BLN-VBG7-R,L,G · BLS-VBG7-R,L,G

· NAME OF MANUFACTURER / SUPPLIER PILOT CORPORATION

· ADDRESS 6-21,KYOUBASHI 2-CHOME,CHUO-KU TOKYO,  
104-8304 JAPAN

· TELEPHONE NUMBER 03-3538-3700

· FAX NUMBER 03-3538-3901

2. COMPOSITION/INFORMATION ON INGREDIENTS

WRITING INK

SUBSTANCE / MIXTURE

MIXTURE

	CAS No	weight %
Triethanolamine	102-71-6	1.0(B,R,L)

3. HAZARDS IDENTIFICATION

WRITING INK

· CLASS NAME OF HAZARDOUS CHEMICALS FOR SDS IN JAPAN

Not applicable

WRITING INSTRUMENT

Follow the local raw and regulations in your country.

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#### 4. FIRST-AID MEASURES

##### WRITING INK

- EYE CONTACT Gently rinse the affected eyes with clean water for at least 15 minutes.  
And refer for medical attention.
- SKIN CONTACT Wash the affected area under tepid running water using a mild soap.
- INGESTION Refer for medical attention.

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#### 5. FIRE-FIGHTING MEASURES

##### WRITING INK

- EXTINGUISHING MEDIA

Not classed as flammable.  
In case of fire, use water spray, foam, dry chemical powder or carbon dioxide.

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#### 6. ACCIDENTAL RELEASE MEASURES

##### WRITING INK AND WRITING INSTRUMENT

Absorb spill with material (cloth or paper) , then place in a chemical waste containers.

SDS No 04-010-4

Writing Ink Names CX-B,R,L,G,V,P,LB

Date 21.1.2004 p2/3

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#### 7. HANDLING & STORAGE

- HANDLING

##### WRITING INK

Avoid rough handling or dropping.  
Follow the local law and regulations in your country.

- STORAGE

##### WRITING INK

Store in a cool, dry , well-ventilated location.  
Follow the local law and regulations in your country.

##### WRITING INSTRUMENT

Follow the local law and regulations in your country.

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#### 8. EXPOSURE CONTROL /PERSONAL PROTECTION

· PERSONAL PROTECTIVE EQUIPMENT

WRITING INK

· EYE PROTECTION	Wear eye protection.
· HAND, SKIN AND BODY PROTECTION	Wear suitable gloves.
· SKIN AND BODY PROTECTION	Wear suitable protective clothing.
WRITING INSTRUMENT	Not required

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9. PHYSICAL & CHEMICAL PROPERTIES

WRITING INK

· PHYSICAL STATE , FORM:	liquid
· COLOR:	black,red,blue, green,violet, pink,light blue
· ODOUR	No odour
· pH	8.3-10.2
· FLASH POINT	boils without flashing
· EXPLOSIVE PROPERTIES	No data
· DENSITY:	1.05-1.10 (20.0°C)
· SOLUBILITY IN WATER	Soluble

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10. STABILITY & REACTIVITY

WRITING INK

· STABILITY	
· REACTIVITY WITH WATER	This material is stable.
· OXIDIZIBILITY	This material is stable
· SELF-REACTIVITY	This material is stable

· STABILITY & REACTIVITY

This product is considered a stable material under normal and anticipated storage and handling conditions

11. TOXICOLOGICAL INFORMATION

## WRITING INK

## · ACUTE TOXICITY

Triethanolamine                      LD50 8,680mg/kg(rat)

## · LOCAL EFFECTS

Not available

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12. ECOLOGICAL INFORMATION

## WRITING INK

## · DEGRADABILITY

Not available

## · BIOACCUMULATION

Not available

## · ECOTOXICITY

Not available

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13. DISPOSAL CONSIDERATION

## WRITING INK AND WRITING INSTRUMENT

Follow all regulations in your country.

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14. TRANSPORT INFORMATION

## WRITING INK AND WRITING INSTRUMENT

Follow all regulations in your country.

## · UN CLASS:

Not applicable

## · UN No.:

Not applicable

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15. REGULATORY INFORMATION

WRITING INK AND WRITING INSTRUMENT

Follow all regulations in your country.

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16. OTHER INFORMATION

· REFERENCES

The information here is given in good faith ,but no warranty ,express or implied , is made.  
Final determination of suitability of any material is the sole responsibility of the user.