
SAFETY DATA SHEET

1. PRODUCT & COMPANY IDENTIFICATION

· WRITING INK NAMES	VRB- B,G, VR5- R,L
· WRITING INSTRUMENT NAMES	BL-GRB7-B,R,L-BG
· NAME OF MANUFACTURER / SUPPLIER	PILOT CORPORATION
· ADDRESS	6-21,KYOBASHI 2-CHOME,CHUO-KU TOKYO, 104-8304 JAPAN
· TELEPHONE NUMBER	03-3538-3700
· FAX NUMBER	03-3538-3915

2. COMPOSITION/INFORMATION ON INGREDIENTS

WRITING INK

SUBSTANCE / MIXTURE

MIXTURE

	CAS No	weight %
Triethanolamine	102-71-6	1.0

3. HAZARDS IDENTIFICATION

WRITING INK

- CLASS NAME OF HAZARDOUS CHEMICALS FOR SDS IN JAPAN
Not applicable

WRITING INSTRUMENT

Follow the local law and regulations in your country.

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 AND WRITING INSTRUMENT

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

6. ACCIDENTAL RELEASE MEASURES

WRITING INK AND WRITING INSTRUMENT

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

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.

8. EXPOSURE CONTROL /PERSONAL PROTECTION

·PERSONAL PROTECTIVE EQUIPMENT

WRITING INK

·EYE PROTECTION

Wear eye protection.

·HAND PROTECTION

Wear suitable gloves.

·SKIN AND BODY PROTECTION

Wear suitable protective clothing.

WRITING INSTRUMENT

Not required

9. PHYSICAL & CHEMICAL PROPERTIES

WRITING INK

·PHYSICAL STATE , FORM:

liquid

·COLOR:

black,red,blue,green

·ODOUR

No odour

·pH

8.0-10.0

·FLASH POINT

boils without flashing

·EXPLOSIVE PROPERTIES

No data

·DENSITY:

1.05-1.07 (20.0°C)

·SOLUBILITY IN WATER

Soluble

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

12. ECOLOGICAL INFORMATION

WRITING INK

· DEGRADABILITY

Not available

· BIOACCUMULATION

Not available

· ECOTOXICITY

Not available

13. DISPOSAL CONSIDERATION

WRITING INK AND WRITING INSTRUMENT

Follow all regulations in your country.

14. TRANSPORT INFORMATION

WRITING INK AND WRITING INSTRUMENT

Follow all regulations in your country.

· UN CLASS:

Not applicable

· UN No.:

Not applicable

15. REGULATORY INFORMATION

WRITING INK AND WRITING INSTRUMENT

Follow all regulations in your country.

16. OTHER INFORMATION

· REFERENCES

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