

SAFETY DATA SHEET



Product Name : BLN-VBG5
Version : 001
Date of Issue : October 1, 2008
SDS No. : R-08-010-1

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1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

1.1. Identification of the substance or preparation

Product name : BLN-VBG5-B,R,L,G
Product code :
Preparation name : CX-B,R,L,G

1.2. Use of the preparation : Ink for writing instrument

1.3. Company identification e-mail address

Supplier's name : PILOT CORPORATION OF EUROPE
Address : PAE de la Caille 74350 ALLONZIER-LA-CAILLE (France)
Telephone number : +33 (0)4 50 08 33 00
Working hours (from 8.30am to 12.30pm and from 01.30pm to 05.30pm
:04.00pm on Friday-French time)
Facsimile number : +33 (0)4 50 46 43 59
e-mail address : pilotfrance@piloteurope.com

1.4. Emergency telephone number : +33 (0)1 45 42 59 59

Association /Organization :ORFILA /INRS <http://www.centres-antipoison.net>

2. HAZARDS IDENTIFICATION

Classification : Mixture

Physical /Chemical hazards : Not applicable.

Environmental hazards : Not applicable.

Effect of exposure : Not applicable.

Symptom of exposure

Inhalation : None.
Ingestion : May cause slight irritation.
Skin contact : May cause slight skin irritation.
Eye contact : May cause slight eye irritation.

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3. COMPOSITION / INFORMATION ON INGREDIENTS

This preparation does not contain the substances classified in the Annex I of Directive 67/548/EEC.

Risk phrases : None.
Safety phrases : None.
Additional information : None

4. FIRST AID MEASURES

Inhalation : Not applicable.
Ingestion : Refer for medical attention.
Skin contact : Wash the affected area under tepid running water using a mild soap.
And refer for medical attention if irritation continues.
Eye contact : Gently rinse the affected eyes with clean water for at 15 minutes.
And refer for medical attention if irritation continues.
First aid facilities : Ensure eyewash and water service are available.
Medical attention : None.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media : Not classed as flammable.
In case of fire, use water spray, foam, dry, chemical powder or carbon dioxide.
5.2 Extinguishing media which shall not be used for : None.
safety.
5.3 Special exposure hazards arising from the : CO₂, CO, NO_x, and SO_x, is produced after
substance or preparation itself, combustion combustion.
products
5.4 Special protective equipment for fire-fighters. : Not required.
5.5 Additional information : None.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions : Use proper ventilation. No eye or skin protection required.
6.2 Environmental precautions : Keeping away from drains, surface and ground water and
soil, possible need to alert the neighbourhood..
6.3 Methods for cleaning up : Absorb spill with material (cloth or paper), then place in a
chemical waste containers.
6.4 Additional information : None.

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7. HANDLING AND STORAGE

- | | |
|---|--|
| 7.1. Handling | : Avoid rough handling or dropping. |
| 7.1.1 Protective measures | : Not required in normal use. |
| 7.1.2 Measures to prevent aerosol and dust generation | : Not required in normal use. |
| 7.1.3 Measures required to protect the environment | : Not required in normal use. |
| 7.1.4 Specific requirements or handling rules | : None. |
| 7.1.5 Precautions against fire and explosion | : Not required in normal use. |
| 7.2. Storage | : Store in a dry, cool, well-ventilated location. |
| 7.3. Specific use(s) | : Not use it except the ink for writing instruments. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- | | |
|--|--------------------------------------|
| 8.1. Exposure limit values | : No data. |
| 8.1.1 Occupational exposure controls. | : Not available. |
| 8.1.2 Biological limit values. | : Not available. |
| 8.1.3 DNEL and PNEC-value(s) as applicable | : No data. |
| 8.2. Exposure controls | |
| 8.2.1. Occupational exposure controls | |
| a) Respiratory protection | : Not required. |
| b) Hand protection | : Wear suitable gloves. |
| c) Eye protection | : Wear eye protection. |
| d) Skin protection | : Wear suitable protective clothing. |
| 8.2.2. Environmental exposure controls | : No data. |

9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1. General information
- | | |
|------------|---|
| Appearance | : Viscosity liquid
<Color> Black, Red, Blue, Green |
| Odor | : Slight characteristic. |
- 9.2. Important health, safety and environmental information
- | | |
|-------------------------------|------------------------------|
| PH | : 8.5-9.6 |
| Boiling point / boiling range | : About 100 degrees Celsius. |
| Flash point | : Boils without flashing. |
| Flammability (solid, gas) | : None. |
| Explosive properties | : None. |
| Oxidizing properties | : None. |
| Vapor pressure | : No data. |

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Relative density	: 1.05-1.09 (at 20 degrees Celsius)
Solubility	: Not allocated.
Water solubility	: Soluble.
Partition coefficient: n-octanol / water	: No data.
Viscosity	: 2.7-3.6 mPa · s (at 20 degrees Celsius)
Vapor density	: No data.
Evaporation rate	: No data.

9.3. Other information : None.

10. STABILITY AND REACTIVITY

10.1. Conditions to avoid	: This material is stable.
10.2. Materials to avoid	: This material is stable.
10.3. Hazardous decomposition products	: No data.

11. TOXICOLOGICAL INFORMATION

11.1 Toxicokinetics, metabolism and distribution	: No data.
11.2 Acute effects (acute toxicity, irritation and corrosivity)	: No data
11.3 Sensitization	: No data.
11.4 Repeated dose toxicity	: No data.
11.5 CMR (carcinogenicity, mutagenicity, and toxicity for reproduction)	: No data.

12. ECOLOGICAL INFORMATION

12.1. Ecotoxicity	: No data.
12.2. Mobility	: No data
12.3. Persistence and degradability	: No data.
12.4. Bioaccumulative potential	: No data.
12.5. Results of PBT assessment	: No data.
12.6. Other adverse effects	: None.

13. DISPOSAL CONSIDERATIONS

- Follow all regulations in your country.
- Not hazardous waste.

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14. TRANSPORT INFORMATION

14.1.1 UN number : Not applicable.
14.1.2 Class : Not applicable.
14.2.1 Proper shipping name : Not applicable.
14.3.1 Packing group : Not applicable.
14.4.1 Marine pollutant : Not applicable.
14.5.1 Other applicable information : None.

15. REGULATORY INFORMATION

Black, Red, Blue

Suit a standard of "Safety of toys" Part3 (EN71-3)

Detrimental metallic elements are not containing.

(Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium)

Green

No data

16. OTHER INFORMATION

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.

End of SDS