

# SAFETY DATA SHEET

Date of Issue: July 1, 2020  
SDS No.: RI-107  
Version: 006



## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

For ink unless otherwise specified.

### 1.1. Product identifier

Product name : BXS-IC Cartridge

Product code : BXS-IC-B/R/L/G

Mixture name : VCT-B/R/L/G

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Ink for writing instrument

### 1.3. Details of the supplier of the safety data sheet

Name of manufacture / supplier : 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

Telephone number : +33 (0)1 45 42 59 59

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

## 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin Sensitization Category 1 H317

### 2.2. Label elements

Labeling according Regulation (EC) No 1272/2008

Pictogram



Signal word : Warning

Hazard statement(s)

H317 May cause an allergic skin reaction.

Precautionary statement(s)

Prevention

P280 Wear protective gloves.

## Response

P302+P352

IF ON SKIN: Wash with plenty of water.

P333+P317

If skin irritation or rash occurs: Get medical help.

2.3. Other hazards

: None.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

| Ingredients                    | CAS No.   | EC No.    | Index No.    | REACH Registration No. | % Weight | Classification      | Component  |
|--------------------------------|-----------|-----------|--------------|------------------------|----------|---------------------|------------|
|                                |           |           |              |                        |          | (EC)No<br>1272/2008 |            |
| Diethylene glycol              | 111-46-6  | 203-872-2 | 603-140-00-6 | 01-2119457857-21-xxxx  | 5.0-8.0  | Acute Tox.4<br>H302 | All colors |
| 2-Methyl-4-iso thiazolin-3-one | 2682-20-4 | 220-239-6 | 613-326-00-9 |                        | 0.0090   | Skin Sens.1<br>H317 | All colors |

H302: Harmful if swallowed

**4. FIRST AID MEASURES**

## 4.1. Description of first aid measures

Inhalation : Remove subject to ventilated fresh air. Consult physician if necessary.

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 least 15 minutes.  
And refer for medical attention if irritation continues.

First aid facilities : Ensure eyewash and water service are available.

## 4.2. Most important symptoms and effects, both acute and delayed

In case of skin or eye contamination treat as under First Aid Measures.

## 4.3. Indication of any immediate medical attention and special treatment needed

There is no specific antidote. Treat symptoms.

**5. FIRE-FIGHTING MEASURES**5.1. Extinguishing media : Not classed as flammable.  
In case of fire, use water spray, foam, dry, chemical powder or carbon dioxide.5.2. Special hazards arising from the substance or mixture : CO<sub>2</sub>, CO, NO<sub>x</sub>, and SO<sub>x</sub>, is produced after combustion.

5.3. Advice for firefighters : None.

**6. ACCIDENTAL RELEASE MEASURES**

## 6.1. Personal precautions, protective equipment and emergency procedures

: Use proper ventilation. Use eye and skin protection.

## 6.2. Environmental precautions

: Do not dispose of waste to the sewer.

## 6.3. Methods and material for containment and cleaning up

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

## 6.4. Reference to other sections

: None.

**7. HANDLING AND STORAGE**

## 7.1. Precautions for safe handling

: Avoid rough handling or dropping.

Wear protective gloves / protective clothing / eye protection / face protection.

## 7.2. Conditions for safe storage, including any incompatibilities

: Store in a dry, cool, well-ventilated location.

## 7.3. Specific end use(s)

: Not use it except the ink for writing instruments.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

## 8.1. Control parameters

: No data.

## 8.2. Exposure controls

: Wear protective gloves / protective clothing / eye protection / face protection.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

## 9.1. Information on basic physical and chemical properties

|  |  |
|--|--|
| (a) Appearance                                   | : Liquid.<br>〈Color〉 Black, Red, Blue, Green |
| (b) Odor   | : Slight characteristic.                     |
| (c) Odor threshold                               | : No data.                                   |
| (d) pH   | : 8-9  |
| (e) Melting point / Freezing point               | : No data.                                   |
| (f) Boiling point / boiling range                | : About 100 degrees Celsius.                 |
| (g) Flash point                                  | : Boils without flashing.                    |
| (h) Evaporation rate                             | : No data.                                   |
| (i) Flammability (solid, gas)                    | : None.                                      |
| (j) Upper/lower flammability or explosive limits | : None.                                      |
| (k) Vapor pressure                               | : No data.                                   |
| (l) Vapor density                                | : No data.                                   |
| (m) Relative density                             | : 1.00-1.10 (at 20 degrees Celsius)          |
| (n) Solubility(ies)                              | : Soluble in water.                          |
| (o) Partition coefficient: n-octanol / water     | : Not available.                             |
| (p) Auto-ignition temperature                    | : Not Auto-ignition.                         |
| (q) Decomposition temperature                    | : No data.                                   |
| (r) Viscosity                                    | : 2.0-4.0 mPa · s (at 20 degrees Celsius)    |
| (s) Explosive properties                         | : No data.                                   |
| (t) Oxidizing properties                         | : No data.                                   |
| 9.2. Other information                           | : None.                                      |

## 10. STABILITY AND REACTIVITY

|  |                            |
|--|----------------------------|
| 10.1. Reactivity                         | : This material is stable. |
| 10.2. Chemical stability                 | : This material is stable. |
| 10.3. Possibility of hazardous reactions | : This material is stable. |
| 10.4. Conditions to avoid                | : This material is stable. |
| 10.5. Incompatible materials             | : No data.                 |
| 10.6. Hazardous decomposition products   | : No data.                 |

## 11. TOXICOLOGICAL INFORMATION

Mixture: No data

|  |                               |                                 |
|--|-------------------------------|---------------------------------|
| 11.1. Information on toxicological effects |                               |                                 |
| (a) acute toxicity                         | Diethylene glycol             | LD50 (Oral rat) : 12,565 mg/kg  |
| (b) skin corrosion/<br>irritation          | No data available             |                                 |
| (c) serious eye damage/<br>irritation      | No data available             |                                 |
| (d) respiratory or skin<br>sensitisation   | 2-Methyl-4-isothiazolin-3-one | Skin Sens.1; H317: C ≥ 0.0015 % |
| (e) germ cell mutagenicity                 | No data available             |                                 |
| (f) carcinogenicity                        | No data available             |                                 |
| (g) reproductive toxicity                  | No data available             |                                 |
| (h) STOT-single exposure                   | No data available             |                                 |
| (i) STOT-repeated exposure                 | No data available             |                                 |
| (j) aspiration hazard                      | No data available             |                                 |

## 12. ECOLOGICAL INFORMATION

Mixture: No data.

|   |                    |  |
|---|--------------------|--|
| 12.1. Toxicity                              | No data available. |  |
| 12.2. Persistence and<br>degradability      | No data available. |  |
| 12.3. Bioaccumulative<br>potential          | No data available. |  |
| 12.4. Mobility in soil                      | No data available. |  |
| 12.5. Results of PBT and<br>vPvB assessment | No data available. |  |
| 12.6. Other adverse effects                 | No data available. |  |

## 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

- Follow all regulations in your country.

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**14. TRANSPORT INFORMATION**

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|  |                   |
|--|-------------------|
| 14.1. UN number  | : Not applicable. |
| 14.2. UN proper shipping name  | : Not applicable. |
| 14.3. Transport hazard class(es)   | : Not applicable. |
| 14.4. Packing group  | : Not applicable. |
| 14.5. Environmental hazards  | : Not applicable. |
| 14.6. Special precautions for user   | : Not applicable. |
| 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | : Not applicable. |

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**15. REGULATORY INFORMATION**

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- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
- Follow all regulations in your country.
- 15.2. Chemical safety assessment
- No data.

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**16. OTHER INFORMATION**

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Hazard statement according to (EC) No 1272/2008

| Precautionary Statements |           |   |
|--------------------------|-----------|---|
| Prevention               | P261      | Avoid breathing mist/vapours.   |
|                          | P272      | Contaminated work clothing should not be allowed out of the workplace.  |
| Response                 | P362+P364 | Take off contaminated clothing and wash it before reuse.  |
| Disposal                 | P501      | Dispose of contents and container in accordance with all local, regional, national and international regulations. |

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