



# BIC AUSTRALIA PTY. LTD.

A.C.N. 004 304 830 A.B.N. 88 004 304 830

## Information Cover Sheet for INTERNATIONAL SAFETY DATA SHEET

### Identification of the Material and Supplier

**Product Name:** Blue Ink

**Australian Contact Information:**

BIC Australia Pty. Ltd.

57 - 67 Popes Road, KEYSBOROUGH VIC 3173

Tel: (03) 9797 0777 (business hours)

Fax: (03) 9798 6555

**Emergency Phone Numbers**

Transport /Fire Emergency: 000 (Emergency services)

Medical Emergency: 131126 (Poisons information)

### Hazards Identification

Classified as hazardous according to criteria of Work Safe Australia  
Dangerous good

### Transport Information

Hazchem code: UN Number 3082 – Class 9YE Liquid

### Regulatory Information

Australian Inventory of Chemical Substances (AICS): Listed

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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- 1.1. Product identifier : BP B-03 S ball pen ink
- 1.2. Relevant identified uses of the substance or mixture and uses advised against : Ball point pen ink
- 1.3. Details of the supplier of the safety data sheet
- SUPPLIER**
- Name : SOCIETE BIC
- Address : 14, Rue Jeanne d'Asnières  
92611 CLICHY Cédex  
FRANCE
- Telephone number : + 33 01 45 19 52 00
- Telefax number : +33 01 45 19 52 99
- E-mail : Bic.Contact@bicworld.com
- 1.4. Emergency telephone number : ORFILA (France) : +33 1 45 42 59 59

## 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

#### MOST IMPORTANT HAZARDS

- \* Adverse human health effects : Harmful if swallowed  
Risk of serious damage to eyes.
- \* Environmental effects : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### Physical and chemical hazards

- Fire or explosion : Not classified as flammable by EC criteria but may present a hazard in the event of a fire  
Burning and thermal decomposition may form toxic by-products

- \* Classification of the product : According to European regulations (67/548/EEC & 1999/45/EC), this product is classified as :  
Xn; R22  
Xi; R41  
N; R50/53

#### Further information :

- : In a usual writing situation, quantities of ink layed down by the pen are normally too small to occasion significant exposure and cause adverse effects on the user's health

### 2.2. Label elements

- : Regulatory provisions on labeling don't apply to the pen. Only ink in cans is concerned

#### Identification of the hazardous product :

- : Contains : 2-phenoxyethanol

- \* - Symbols and indications of danger



- : - HARMFUL (Xn)
- : - DANGEROUS FOR THE ENVIRONMENT (N)

- \* - R phrases

- : R22 : Harmful if swallowed.
- : R41 : Risk of serious damage to eyes.

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## 2. HAZARDS IDENTIFICATION (continued)

- R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- \* - S phrases : S2 : Keep out of the reach of children.  
S13 : Keep away from food, drink and animal feedingstuffs.  
S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S39 : Wear eye/face protection.  
S46 : If swallowed seek medical advice immediately and show this container or label.  
S29 : Do not empty into drains.
- 2.3. Other hazards : None, to our knowledge

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### MIXTURE

Chemical nature : Mixture based on solvents and dyes

### \* Hazardous constituents

Substance name	Contents	CAS No	EC No	Index No	Classification
2-phenoxyethanol	< 40 %	122-99-6	204-589-7	603-098-00-9	Xn, R22 Xi, R36 ----- Acute Tox. 4 (oral) H302 Eye irrit 2 H319
1-Phenoxypropan-2-ol	< 15 %	770-35-4	212-222-7	-----	Xi, R36 ----- Eye irrit 2 H319
C.I. Solvent blue 38	< 10 %	1328-51-4	215-523-1	-----	Xn, R22 ----- Acute Tox. 4 (oral) H302
(Z)-2,2'-(octadec-9-enylimino) bisethanol	< 1 %	13127-82-7	236-062-2	-----	Xn, R22 C, R34 N, R50 ----- Skin Corr. 1B H314 Acute Tox. 4 (oral) H302 Aquatic Acute 1 H400
Sepisol fast violet 2B	< 20 %	-----	700-578-0	-----	01-2119852678-22-0000 R37-41 N, R50-53 ----- Eye Dam 1 H318 STOT SE 3 H335 Aquatic Acute 1 H400 Aquatic Chronic 1 H410

Further information : Full text of R and H phrases : see section 16

## 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

- Inhalation** : Move the affected person away from the contaminated area and into the fresh air  
If irritation persists, consult a doctor
- Skin contact** : Immediately rinse with plenty of water.
- Eye contact** : Rinse immediately and thoroughly with plenty of water whilst keeping the eyes wide open (at least 15 minutes)  
Consult an eye specialist
- Ingestion** : Never attempt to induce vomiting  
Call a doctor immediately

4.2. Most important symptoms and effects, both acute and delayed : No information available

4.3. Indication of any immediate medical attention and special treatment needed : No immediate medical care or specific treatment identified

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## 5. FIRE-FIGHTING MEASURES

- 5.1. Extinguishing media : Water fog  
Carbon dioxide (CO<sub>2</sub>)  
Foam  
Powders
- 5.2. Special hazards arising from the substance or mixture : During combustion :  
Toxic vapors may be released
- 5.3. Advice for fire-fighters : Cool down the containers/equipment exposed to heat with a water spray  
Contain the extinguishing fluids by bunding  
Do not attempt to fight the fire without suitable protective equipment :  
Self-contained breathing apparatus  
Complete protective clothing

## 6. ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures : For non-emergency personnel :  
Avoid contact with skin and eyes  
Do not breathe vapours  
In case of important spillage :  
Only qualified personnel equipped with appropriate protective equipment may intervene  
For emergency responders :  
Do not attempt to fight the fire without suitable protective equipment  
For further information see section 8
- 6.2. Environmental precautions : Contain the spilled material by bunding  
Do not discharge into drains and rivers
- 6.3. Methods and material for containment and cleaning up
- Neutralization : : Absorb spillage with:  
- inert absorbent material  
- earth or sand
- Cleaning/decontamination : Wash non-recoverable remainder with large amounts of water
- Disposal : Dispose of contaminated materials in accordance with current regulations
- 6.4. Reference to other sections : For further information see section 13

## 7. HANDLING AND STORAGE

- 7.1. Precautions for safe handling
- Technical measures : Does not require any specific or particular technical measures
- Precautions : Avoid any direct contact with the product  
Work in a well-ventilated area
- Hygiene measures : Do not drink, eat or smoke in the workplace  
Always wash your hands after handling the product
- 7.2. Conditions for safe storage, including any incompatibilities
- Technical measures : The floor of the depot should be impermeable and designed to form a water-tight basin.
- Storage conditions
- Recommended : Store :  
- in a cool, well-ventilated area  
- the container tightly closed  
- away from any source of ignition

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## 7. HANDLING AND STORAGE (continued)

- Incompatible materials : Strong oxidizing agents  
Acids
- Packaging materials
- Recommended : Ordinary steel.
  - Not suitable : Certain plastic materials
- 7.3. Specific end use(s) : No information available

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1. Control parameters
- Occupational exposure limits
- France : No specific limit
  - Germany : 2-phenoxyethanol : MAK = 110 mg/m<sup>3</sup> (20 ppm)
- 8.2. Exposure controls
- Personal protective equipment
- Respiratory protection : If the ventilation is suitable, it is not necessary to wear respiratory equipment
  - Hand protection : Protective rubber gloves, resistant to solvents  
Breakthrough time : refer to the recommendations of the supplier
  - Eye protection : Safety goggles

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1. Information on basic physical and chemical properties
- Physical state : Liquid
- Colour : blue
- Odour : Characteristic
- Olfactory limit : Not determined
- pH : 6.0 - 7.0
- Specific temperatures
- Boiling : 230-248 °C
  - Melting point : Not determined
- Decomposition temperature : Not determined
- Flammability characteristics
- Flash point : > 105 °C
  - Auto-ignition temperature : Not determined
- Oxidizing properties : Non oxidizing material according to EC criteria
- Explosive limits in air : Not determined
- Vapour pressure : Not determined
- Vapour density (air = 1) : Not determined
- Relative density (water = 1) : ~ 1.1
- Solubility
- in water : Insoluble
- Octanol/water partition coefficient : Not determined

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## 9. PHYSICAL AND CHEMICAL PROPERTIES (continued)

Kinematic viscosity : Not determined  
Evaporation rate : Not determined  
9.2 Further information : No information available

## 10. STABILITY AND REACTIVITY

10.1. Reactivity : To our knowledge, the product does not present any particular risk  
10.2. Chemical stability : Stable under normal conditions of use  
10.3. Possibility of hazardous reactions : Flammable vapors may be released :  
- on heating  
10.4. Conditions to avoid : Heat, sparks, open flames, ignition source  
10.5. Incompatible materials : - strong oxidizing agents  
- acids  
10.6. Hazardous decomposition products : On combustion or on thermal decomposition (pyrolysis) releases :  
Carbon oxides (CO, CO<sub>2</sub>)  
Various hydrocarbon fragments

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Acute toxicity : Harmful if swallowed  
2-phenoxyethanol :  
LD 50 oral (rat) : 1260 mg/kg  
LD 50 skin (Rabbit) : > 2000 mg/kg  
1-phenoxypropan-2-ol :  
LD 50 oral (rat) : 2830 mg/kg  
LD 50 skin (Rabbit) : > 2000 mg/kg  
(published data)

\* Local effects : Risk of serious damage to eyes  
Respiratory or skin sensitization : Based on available data, the classification criteria are not met.  
Repeated dose toxicity : No additional information available  
Carcinogenicity : No additional information available  
Mutagenicity : No additional information available  
Reproductive toxicity : No additional information available  
Further information : Above information is for the ink. The ink will be contained in the reservoir of a small capacity pen which will limit considerably the exposure possibilities for the user

## 12. ECOLOGICAL INFORMATION

\* 12.1. Toxicity : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
Sepisol fast violet 2B :  
EC 50 (Daphnia : Daphnia magna) / 48h : 0.044 mg/l (ISO 6341)  
EC 50 (algae : Pseudokirchneriella subcapitata) / 72h : 2.3 mg/l (ISO 8692) (growth inhibition)  
NOEC (Daphnia : Daphnia magna) / 48h : 0.015 mg/l (ISO 6341)  
NOEC (Freshwater algae : Pseudokirchneriella subcapitata) / 72 h : 1 mg/l (ISO 8692)  
2-phenoxyethanol :

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<b>12. ECOLOGICAL INFORMATION</b>	<b>(continued)</b>
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- LC 50 (Fish : Leuciscus idus) / 96 h : 220-460 mg/l  
1-phenoxypropan-2-ol :  
LC 50 (Fish : Pimephales promelas) : 280 mg/l  
EC 50 (Daphnia : Daphnia magna) : 370 mg/l  
(published data)
- \* 12.2. Persistence and degradability : Sepisol fast violet 2B : 54 % biodegradation after 28 days (OECD 301B)  
Not easily biodegradable
  - \* 12.3. Bioaccumulative potential : Sepisol fast violet 2B : log Pow : 0,33 (extrapolated)
  - 12.4. Mobility in soil : No information available
  - 12.5. Results of PBT and vPvB assessment : No information available
  - 12.6. Other adverse effects : No information available

<b>13. DISPOSAL CONSIDERATIONS</b>
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- 13.1. Waste treatment methods  
**WASTE FROM PRODUCT**  
Destruction/Disposal : Dispose of in accordance with relevant local regulations
- CONTAMINATED PACKAGING**  
Destruction/disposal : Destroy at an authorised site
- NOTE** : The user's attention is drawn to the possible existence of specific European, national or local regulations regarding disposal

<b>14. TRANSPORT INFORMATION</b>
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- \* 14.1. UN number : 3082
  - \* 14.2. UN proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Sepisol fast violet 2B)
  - \* 14.3. Transport hazard class(es) : 9
  - \* 14.4. Packing group : III
  - \* 14.5. Environmental hazards : Additional marking :  
"Environmentally hazardous substance"
  - 14.6. Special precautions for user : No information available
  - 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code : No information available
- NOTE** : The above regulatory prescriptions are those valid on the date of publication of this sheet.  
Given the possible evolution of transport regulations for hazardous materials, in case the date of issue is older than 12 months, compared to the current one, it would be advisable to check their validity with your commercial agency

<b>15. REGULATORY INFORMATION</b>
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- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture : No information available
- 15.2. Chemical Safety Assessment : No information available

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## 16. OTHER INFORMATION

<b>R phrases text of § 2&amp;3</b>	: R22 : Harmful if swallowed. R34 : Causes burns. R36 : Irritating to eyes. R37 : Irritating to respiratory system. R41 : Risk of serious damage to eyes. R50 : Very toxic to aquatic organisms. R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>H phrases text of § 2&amp;3</b>	: H302 : Harmful if swallowed. H314 : Causes severe skin burns and eye damage. H318 : Causes serious eye damage. H319 : Causes serious eye irritation. H335 : May cause respiratory irritation. H400 : Very toxic to aquatic life. H410 : Very toxic to aquatic life with long lasting effects.
<b>Restrictions on use</b>	: This product must not be used for other applications that mentioned in §1.
<b>Bibliography references</b>	: Joint Research Centre (JRC) HSDB (Hazardous Substances Data Bank) (National Library of Medicine) RTECS (Registry of Toxic effects of Chemical Substances) MSDS of suppliers
<b>* Update :</b>	: This sheet was updated (refer to the date at the top of this page) Modifications (others than form related) are indicated with asterisks (*)
<b>Safety data sheet established by</b>	: LISAM SERVICES - TELEGIS 6 rue des Boucheries F-60400 NOYON www.reachelp.com Safety Made Easy with www.lisam.com

This sheet complements the technical sheets but does not replace them. The information given is based on our knowledge of the product, at the time of publication. It is given in good faith.  
Besides, the attention of the user is drawn to the possible risk incurred by using the product for any other use than that for which it was intended.  
In no way does this exempt the user from knowing and applying all the regulations controlling his activity. He alone will take on the responsibility for taking the precautions involved by the use of the product.  
The aim of all the mandatory regulations mentioned is just to help the user to fulfil his obligations regarding the use of hazardous products.

This information must not be considered exhaustive. It does not exempt the user from ensuring that other obligations than those mentioned could apply, related to the storage and use of the product, this being his sole responsibility.

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