



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: Black 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

Non – dangerous good

Regulatory Information

Australian Inventory of Chemical Substances (AICS): Listed

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- 1.1. Product identifier : BP N-01 S&P and BP N-01 S&P KTR ball pen inks
- 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
Irritating to eyes and respiratory system
- Environmental effects : Harmful 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; R36/37
R52/53
- 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

- EC LABELLING : : Regulatory provisions on labeling don't apply to the marker. Only ink in cans is concerned
- Identification of the hazardous product : : Contains : 2-phenoxyethanol
- Symbols and indications of danger



: - HARMFUL (Xn)

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2. HAZARDS IDENTIFICATION (continued)

- R phrases : R22 : Harmful if swallowed.
R36/37 : Irritating to eyes and respiratory system.
R52/53 : Harmful 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.
S46 : If swallowed seek medical advice immediately and show this container or label.
S61 : Avoid release to the environment. Refer to special instructions/Safety data sheets.
- 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	< 30 %	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	< 30 %	770-35-4	212-222-7	----	Xi; R36 Eye irrit 2 H319
C.I. Solvent black 46	< 30 %	65113-55-5	265-449-9	----	Xn; R20 Xi; R36/37 N; R51-53 Acute Tox. 4 (inhal) H332 Eye irrit 2 H319 STOT SE 3 H335 Aquatic Chronic 2 H411

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)
Always refer to an eye specialist, even if there are no immediate symptoms.
- 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 information available

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5. FIRE-FIGHTING MEASURES

- 5.1. Extinguishing media : Water fog
Carbon dioxide (CO₂)
Foam
Powders
- Not suitable extinguishing media : : None to our knowledge. If there is a fire close by, use suitable extinguishing agents
- 5.2. Special hazards arising from the substance or mixture : During combustion :
Toxic vapors may be released
- 5.3. Advice for fire-fighters : Contain the extinguishing fluids by bunding
Cool down the containers/equipment exposed to heat with a water spray
Do not attempt to fight the fire without suitable protective equipment :
Self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures : 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
- 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
- Incompatible materials : Strong oxidizing agents
Acids

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7. HANDLING AND STORAGE (continued)

- 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/m³ (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 : black
 - Odour : Characteristic
 - Olfactory limit : Not determined
 - pH : 4.0 - 5.0
 - 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
 - Kinematic viscosity : Not determined
 - Evaporation rate : Not determined

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9. PHYSICAL AND CHEMICAL PROPERTIES (continued)

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 : High temperature
- 10.5. Incompatible materials : - strong oxidizing agents
- acids
- 10.6. Hazardous decomposition products : On combustion or on thermal decomposition (pyrolysis) releases :
Carbon oxides (CO, CO₂)
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 :
LC 50 inhalation / 4h (rat) : > 5.4 mg/l
LD 50 oral (rat) : 2830 mg/kg
LD 50 skin (Rabbit) : > 2000 mg/kg
(published data)
- Local effects : Irritating to eyes and respiratory system
- Sensitization : No sensitizing effect reported
- Repeated dose toxicity : No additional information available
- Specific effects
- 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 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
1-phenoxypropan-2-ol :
LC 50 (Fish : Leuciscus idus) / 96 h : 220-460 mg/l
EC 50 (Daphnia) / 48h : > 100 mg/l
2-phenoxyethanol :
LC 50 (Fish : Pimephales promelas) / 96 h : 344 mg/l
EC 50 (Daphnia : Daphnia magna) / 48h : > 500 mg/l
(published data)

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12. ECOLOGICAL INFORMATION (continued)

- 12.2. Persistence and degradability : Mixture based on substances which are not readily biodegradable
- 12.3. Bioaccumulative potential : No information available
- 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

13. DISPOSAL CONSIDERATIONS

- 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

14. TRANSPORT INFORMATION

- 14.1. UN number : Not restricted
- 14.2. UN proper shipping name : Not restricted
- 14.3. Transport hazard class(es) : Not restricted
- 14.4. Packing group : Not restricted
- 14.5. Environmental hazards : Not restricted
- 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

15. REGULATORY INFORMATION

- 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

16. OTHER INFORMATION

- R phrases text of § 2&3 : R20 : Harmful by inhalation.
R22 : Harmful if swallowed.
R36 : Irritating to eyes.
R36/37 : Irritating to eyes and respiratory system.
R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the

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16. OTHER INFORMATION	(continued)
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|---|--|
| <p>H phrases text of § 2&3</p> <p>Restrictions on use</p> <p>Bibliography references</p> <p>* Update :</p> <p>Safety data sheet established by</p> | <p>aquatic environment.</p> <p>: H302 : Harmful if swallowed.
 H319 : Causes serious eye irritation.
 H332 : Harmful if inhaled.
 H335 : May cause respiratory irritation.
 H411 : Toxic to aquatic life with long lasting effects.</p> <p>: This product must not be used for other applications that mentioned in §1.</p> <p>: Joint Research Centre (JRC)
 HSDB (Hazardous Substances Data Bank) (National Library of Medicine)
 RTECS (Registry of Toxic effects of Chemical Substances)
 MSDS of suppliers</p> <p>: This sheet was updated (refer to the date at the top of this page)
 This sheet has been revised completely (changes were not marked)</p> <p>: LISAM SERVICES - TELEGIS
 6 rue des Boucheries F-60400 NOYON
 www.reachelp.com
 Safety Made Easy with www.lisam.com</p> |
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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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