



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: Red 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

PRODUCT NAME : Red 2079 IS Ink
Recommended uses : Ink
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
EMERGENCY TELEPHONE NUMBER : ORFILA (France) : +33 01 45 42 59 59

2. HAZARDS IDENTIFICATION

MOST IMPORTANT HAZARDS :
Adverse human health effects : Harmful by inhalation and if swallowed
Environmental effects : Presents no particular risk to the environment, provided the recommendations concerning disposal (see section 13) and any applicable national or local regulations are complied with

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, this product is classified as :
- HARMFUL

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

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	Symbol(s)	R-Phrase(s)
<u>Benzyl alcohol</u>	: < 30 %	100-51-6 / 202-859-9 / 603-057-00-5	Xn	20/22
<u>CI Solvent red 49</u>	: < 10 %	509-34-2 / 208-096-8 / -----	Xn	22-36-52/53
<u>CI solvent orange 25</u>	: < 20 %	74665-04-6 / 277-959-9 / -----	Xn	22

4. FIRST AID MEASURES

Inhalation : Move the affected person away from the contaminated area and into the fresh air
If the person feels unwell :
Call a doctor

Skin contact : Wash with soap and water

Eye contact : Rinse immediately and thoroughly with plenty of water whilst keeping the eyes wide open (at least 15 minutes)
If irritation persists, consult an eye specialist

Ingestion : Rinse mouth out with water
Never attempt to induce vomiting
Call a doctor immediately

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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media :	Water spray Foam Powders
Specific hazards :	During combustion : Toxic vapors may be released
Specific fire fighting methods :	Contain the extinguishing fluids by bunding Do not attempt to fight the fire without suitable protective equipment
Protection of fire-fighters :	Self-contained breathing apparatus Impermeable protective equipment

6. ACCIDENTAL RELEASE MEASURES

Personal precautions :	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
Environmental precautions :	Contain the spilled material by bunding Do not discharge into drains and rivers
Methods for cleaning up :	
- Recovery :	Recover the product by mechanical means. Collect up the product and place it in a spare container suitably labelled
- Neutralization :	Absorb non-recoverable liquid with: - inert absorbent material
- Cleaning/decontamination :	Wash the floor with plenty of water
- Disposal :	Dispose of contaminated materials in accordance with current regulations

7. HANDLING AND STORAGE

HANDLING	
Technical measures :	Vapour extraction at source
Precautions :	Avoid any direct contact with the product Work in a well-ventilated area Smoking is forbidden
STORAGE	
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
Packaging materials :	
- Recommended :	Original packaging

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures :	Ensure good ventilation of the work station Extraction to remove vapours at their source
Personal protective equipment :	
- Respiratory protection :	Self-contained breathing apparatus

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION (continued)

- Hand protection : Butyl-rubber protective gloves
The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN 374
Breakthrough time : refer to the recommendations of the supplier
- Eye protection : Safety spectacles
- Hygiene measures : Do not drink, eat or smoke in the workplace
Always wash your hands after handling the product

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state : Viscous liquid
- Colour : red
- Odour : slight , solvent.
- pH : 6-7
- Specific temperatures :
 - Boiling : > 200 °C
- Flammability characteristics :
 - Flash point : 90 °C (Closed cup).
- Relative density (water = 1) : 1.1
- Solubility :
 - in water : Insoluble

10. STABILITY AND REACTIVITY

- Stability : Stable under normal conditions of use
- Hazardous reactions :
- Materials to avoid :
 - strong oxidizing agents
 - acids
- Hazardous decomposition products : On combustion or on thermal decomposition (pyrolysis) releases :
Carbon oxides (CO, CO₂)

11. TOXICOLOGICAL INFORMATION

- Acute toxicity : Harmful by inhalation and if swallowed.
Benzyl alcohol :
LC 50 inhalation (rat) / 8h : 1000 ppm
LD 50 oral (rat) : 1230 mg/kg
(published data)
- Acute symptoms : Benzyl alcohol :
On inhalation :
Cough
Drowsiness
On ingestion :
Vomiting
Diarrhoea
Headaches
Central Nervous System depressant

* 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

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12. ECOLOGICAL INFORMATION

Product as is :	No data available Avoid discharge of the product as is into the environment
BIOACCUMULATION :	
Octanol/water partition coefficient :	Benzyl alcohol : -1.1 (log POW) Not potentially bioaccumulable (published data)
ECOTOXICITY :	
Effects on the aquatic environment :	No information available, however this product is not considered to present any particular risk for the aquatic environment. Benzyl alcohol : LC 50 (Fish : Lepomis macrochirus) / 96 h 10 mg/l EC 50 (Daphnia : Daphnia magna) / 24 h : 400 mg/l (published data)

13. DISPOSAL CONSIDERATIONS

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

INTERNATIONAL REGULATIONS :	
RID/ADR/IMDG/IATA :	Not restricted
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 present sheet is dating back to more than 12 months ago, it would be advisable to check their validity with your commercial agency

15. REGULATORY INFORMATION

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



- HARMFUL (Xn)

- R phrases : R20/22 : Harmful by inhalation and if swallowed.

* - S phrases :

S2 : Keep out of the reach of children.
S46 : If swallowed seek medical advice immediately and show this container or label.

- Further data : Reduced labelling allowed for small packaging

The regulatory information given above only indicate the principal regulations specifically applicable to the product described in the MSDS The user's attention is drawn to the possible existence of additional provisions which complete these regulations Refer to all applicable international, national and local regulations or provisions

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16. OTHER INFORMATION

Restrictions on use :	This product must not be used for other applications that mentioned in §1.
R phrases text of § 3 :	R20/22 : Harmful by inhalation and if swallowed. R22 : Harmful if swallowed. R36 : Irritating to eyes. R52/53 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Bibliography references :	European Chemicals Bureau (ECB) HSDB (Hazardous Substances Data Bank) (National Library of Medicine) MSDS of suppliers
* Update :	This sheet was updated (refer to the date at the top of this page) Texts which have been modified since the previous version are marked with an asterisk (*)
Safety data sheet established by :	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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