



Australian Specialty Inks Pty Ltd

ABN 71 002 591 620

17 Reaghs Farm Rd, Minto NSW 2566

Telephone: (02) 9603-3399 Fax: (02) 9603-7761

Website: www.austspecialtyinks.com.au

PLASTICIZER

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MATERIAL SAFETY DATA SHEET

Not classified as hazardous, Handle in accordance with good industrial hygiene and safety practice.

Date of issue: March 2009

COMPANY DETAILS

AUSTRALIAN SPECIALTY INKS PTY LTD

A.B.N. 71 002 591 620

17 REAGHS FARM ROAD MINTO NSW

2566 (02) 9603-3399

A/H (02) 9792 7790 or mobile 0414 616 247

IDENTIFICATION

Product Name: PLASTICIZER

U.N. Number: Not applicable

Trade Name:

Other Names:

Class: C2

Dangerous Goods Class/and Subsidiary Risk: N/A

Hazchem Code: N/A

Pack Group: N/A

Manufacturers Code: FSU6575

Poisons Schedule: N/A

Use: Product is for use as an ink additive.

Flammability	0
Toxicity	1
Body Contact	1
Reactivity	0
Chronic	0
Scale:	
0 = Minimum to Nil	
1 = Low	
2 = Moderate	
3 = High	
4 = Extreme	

Physical Description/Properties:

Appearance: Colourless liquid

Density: .984 (20⁰ C)

Boiling Point/Range: 400⁰ C

Percent Volatiles: 20% to 50% depending on colour.

Flash Point : 238⁰ C (Cleveland Open Cup)

Auto Ignition Temp: 399⁰ C (ASTM E659)

Solubility in water: Negligible

Ingredients

Chemical entity

CAS No.

Proportion

Plasticiser

100%



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HEALTH HAZARD INFORMATION

HEALTH EFFECTS

FIRST AID

General Advice:

Remove contaminated clothing.

On skin contact:

Wash with soap and water. Seek medical attention in event of irritation.

On contact with eyes:

May cause irritation. Wash effected eyes for at least 15 minutes under running water with eyelids open.

On ingestion:

Rinse mouth and drink plenty of water.

PERSONAL PROTECTION EQUIPMENT

Hand Protection: Protective gloves. Impervious type required for prolonged or repeated contact (during mixing or washing up).

Eye Protection: Goggles.

Other Protective Equipment: Eye bath, safety shower, aprons.

General safety and hygiene measures: The usual precautions for handling chemicals must be observed. No adverse effects are expected. However, because fumes are occasionally observed arising from fabrics which are being heat cured, it is suggested that in accordance with good industrial hygienic that all heat curing equipment should be properly vented and exhausted to prevent irritation to eyes, nose and throat. (These fumes often arise from sizings, starches and other coatings which have been earlier applied to the textiles being printed.)



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HANDLING AND STORAGE

Use only with adequate ventilation. Keep out of reach of children.

Storage: Keep containers sealed. Keep away from heat and open flame.

Protection against fire and explosion: No special measures required.

Discharge, treatment or disposal may be subject to national, state or local laws.
Incinerate.

FIRE FIGHTING MEASURES

Suitable extinguishing media: Water spray, Dry Chemical, Foam and Carbon Dioxide.

Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.

Hazardous Combustion Products: carbon dioxide, carbon monoxide.

Sensitivity to static discharge: Material may accumulate a static charge which could act as an ignition source.

Further Information: Contaminated extinguishing water must be disposed of in accordance with local regulations.

TOXICOLOGICAL INFORMATION

Acute Toxicity:

Oral (LD₅₀) (rat): above 5000 mg/kg (highest dose treated)

Oral (LD₅₀) (mouse): above 3200 mg/kg (highest dose treated)

Dermal (LD₅₀) (guinea pig): above 19.68 g/kg (highest dose treated)

Skin Irritation (guinea pig): slight

Eye Irritation (rabbit): slight

Skin Sensitization (guinea pig): none



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ECOLOGICAL INFORMATION

Oxygen Demand Data:

COD (Chemical Oxygen Demand): 2.7 g/g

ThBOD: 2.28 g/g

Accute Aquatic Effects Data:

96h LC-50 (fathead minnow): > 984 mg/l (nominal concentration)

96h LC-50 (ramshorn snail): > 984 mg/l (nominal concentration)

96h LC-50 (oyster): > .624 mg/l (limit of solubility in sea water)

48h LC-50 (daphnid): > .0014 mg/l

72h LC-50 (Selenastrum capricornutum): NOEC: >= .86 mg/l

Contact Point: Technical Director (02) 9603-3399

Date: March 2009