



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

ETCH SOLVENT FSU138

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MATERIAL SAFETY DATA SHEET

Classified as hazardous according to criteria of Worksafe Australia.

Date of issue: March 2014

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) 979-27790 or mobile 0414 616247

IDENTIFICATION

Product Name: ETCH SOLVENT FSU138
U.N. Number: 1915
Trade Name:
Other Names: CYCLOHEXANONE
Dangerous Goods Class/and Subsidiary Risk: 3
Hazchem Code: 3[Y]
Manufacturers Code: FSU138
Pack Group: III
Poisons Schedule: Not listed
Use: Product is for use as a solvent

Physical Description/Properties:

Appearance: Colourless liquid with acetone-peppermint odour.
Density: 0.95
Boiling Point/Range: 116°C
Vapour Pressure: .52 @ 20°C
Percent Volatiles: 100
Flash Point: 43°C (Closed Cup)
Flammability Limits (%): LEL:Not Available UEL:Not Available
Solubility in water: 90 g/l @ 20°C

Ingredients	CAS No.	Proportion
Chemical entity		
Cyclohexanone	108-94-1	99.90%



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HEALTH HAZARD INFORMATION

HEALTH EFFECTS

Swallowed: May cause irritation to mouth, throat and digestive tract. Significant ingestion may give rise to gastrointestinal disturbances and systemic effects (see "Inhaled").

Eye: Severe eye irritant.

Skin: Irritant. Avoid prolonged or repeated contact as may cause dermatitis.

Inhaled: Vapour is irritant to mucous membranes and respiratory tract. Vapours can affect the central nervous system and result in headaches and dizziness. High concentrations of vapours, if exposure is prolonged, may cause unconsciousness.

FIRST AID

Swallowed: If poisoning occurs, contact a doctor or Poisons Information Centre. If swallowed, do not induce vomiting. Give a glass of water. If any suspicion of aspiration into the lungs (e.g. during vomiting) obtain medical advice immediately.

Eye: Irrigate with copious quantities of water. If soreness or redness persists, seek medical attention immediately.

Skin: If skin contact occurs, remove and launder contaminated clothing and wash skin thoroughly with soap and water.

Inhaled: Move to fresh air, keep warm and at rest. Seek medical attention. Remove from contaminated area. Apply artificial respiration if not breathing.

PRECAUTIONS FOR USE

Exposure Limits: 25ppm 8 hour time weighted average. Skin notation.

Ventilation: Avoid breathing vapour. Local exhaust ventilation usually required. Ensure ventilation is adequate to maintain air concentrations below exposure standards.

Personal Protection: Avoid eye and skin contact. Wear chemical goggles. Wear chemical resistant gloves. Wear protective clothing as necessary to avoid skin contact. Wear supplied air breathing apparatus in confined areas. Avoid prolonged or repeated skin contact.

Flammability: Avoid heat and sources of ignition. Prevent build-up of flammable vapours. Hoses should be electrically continuous and containers bonded to avoid static charge build-up.



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SAFE HANDLING INFORMATION

Storage and Transport: Avoid contact with strong oxidizing agents. Avoid contact with nitric acid and sulphuric acids as well as alkalis. Store in cool well ventilated area away from heat and ignition sources. Containers should always be kept closed in storage and properly labelled. Do not store in low or enclosed areas where vapours may become trapped. Store only in original or approved containers.

Spills and Disposal: Keep public away. Extinguish all ignition sources. For major spills, dam and recover. Prevent entry into drainage systems, rivers etc. Collect with absorbent material such as sand, earth or saw dust. Warn occupants downwind. Advise authorities. Ensure waste disposal conforms with local waste disposal regulations. After recovery and evaporation remaining soil may be disposed of to approved landfill, or if approved, allowed to degrade insitu.

Fire/Explosion Hazard: Flammable liquid. Combustion products include oxides of carbon. Breathing apparatus required for fire fighting. Use water sprays to cool fire exposed surfaces and any adjacent storage vessels. Shut off source of product if safe to do so. Remove sources of re-ignition. Vapour/air mixtures may ignite explosively. Flashback along vapour trail may occur. Use foam, CO₂, dry chemical and water fog.

Contact Point: Technical Director (02) 9787-3399

Date: March 2014