



Kingston Paints Pty Ltd  
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MATERIAL SAFETY DATA SHEET  
Health, Safety and Environment Data

DATE OF ISSUE: May 2010  
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### **IDENTIFICATION**

Hazardous according to criteria of Worksafe Australia

Product Name:	Retarder Thinner	UN Number:	1263
		Hazchem Code:	3(Y)
		Dangerous Goods Class:	3
		Subsidiary Risk Class:	None Allocated
		Poisons Schedule:	5
		Packaging Group:	III

Product Code: 500-0104

Use: Thinner for various solvent based products, added as partial replacement of normal thinner, to improve blush and bloom resistance, and to improve flow.

### **Physical Description/Properties**

Appearance:	Mobile colourless liquid with chemical solvent odour.
Specific Gravity:	0.87
Boiling Point/Range (oC):	Approx 115 – 160
Vapour Pressure:	Approx 1.5 kPa
Flash Point (oC):	Approx 31
Flammability Limits (%):	LEL 1.0 UEL 7.5
Solubility in water:	Approx 20gm/L

<u>Hazardous Ingredients:</u>	<u>CAS No</u>	<u>Percent by weight</u>
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Pigments:

Resin:

Solvents:	Xylene	1330-20-7	10 – 30
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Others: Other ingredients not considered hazardous to 100%

**HEALTH HAZARD INFORMATION****HEALTH EFFECTS****Acute:**

- Swallowed: May cause irritation to mouth, throat and digestive tract. Large dose may cause drowsiness and may lead to loss of consciousness.
- Eye: Irritant.
- Skin: Irritant. Avoid prolonged or repeated contact as this may cause dermatitis.
- Inhaled: Vapour is irritant to mucous membranes and respiratory tract. Vapour can affect the central nervous system and result in headaches and dizziness. High concentration of vapours, if exposure is prolonged, may cause unconsciousness. Aspiration of liquid into the lungs can cause serious (even fatal) pneumonitis.

**First Aid:**

- Swallowed: Do not induce vomiting. Give a glass of water and contact a Doctor or Poisons Information Centre. If any suspicion of aspiration into the lungs (e.g. during vomiting) obtain medical advice immediately.
- Eye: Irrigate with copious quantities of clean water. Seek medical attention immediately.
- Skin: Wash off with soap and water. Remove contaminated clothing and launder before re-use.
- Inhalation: Move to fresh air. Keep warm and at rest. Seek medical attention.
- Advice to Doctor: Because of risk of aspiration, gastric lavage should only be undertaken after endotracheal intubation.

**PRECAUTIONS FOR USE**

- Exposure Limits: Not established. TWA \*Hour – Xylene 350 mg/m<sup>3</sup>, 80ppm
- Engineering Controls: Avoid breathing vapour. Use in a well ventilated area. Local exhaust ventilation required.
- Personal Protection: Avoid eye and skin contact. Wear chemical goggles or face shield. Wear chemical resistant gloves. Wear supplied air breathing apparatus in confined areas.
- 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.

**SAFE HANDLING INFORMATION**

- Storage & Transport:** Stores in a cool and well ventilated area away from heat and ignition sources. Avoid contact with strong oxidising agents. Stores only in original or approved containers. Containers should always be kept closed in storage and properly labelled. This material is classified as Dangerous Goods Class 3 and must be stored and transported in accordance with State and Territory dangerous goods regulations.  
SHIPPING NAME UN 1263 THINNER PG III
- Spills & Disposal:** Extinguish all ignition sources and ventilate area. For major spills, dam and recover. Prevent entry into drainage systems, rivers, etc. Collect with absorbent material such as sand, earth or sawdust. 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. Use foam CO2, powder or BCF fire extinguishers. Combustion products include oxides of carbon. Remove sources of re-ignition. Vapour/air mixture may ignite explosively. Flashback along vapour trail may occur.

**OTHER INFORMATION**

- Toxicology** Toxic exposure limits not available for mixture. Exposure limits for hazardous constituents:  
Xylene: Oral LD50 (rat): 4300 mg/kg

- CONTACT POINT:** KINGSTON PAINTS PTY LTD  
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EMERGENCY TELEPHONE NUMBER NOT AVAILABLE

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