

# MATERIAL SAFETY DATA SHEET

CUSTOM CHEMICALS INTERNATIONAL PTY LTD

103 Potassium Street Queensland 4504 Telephone: (07) 3204 8300

Date of Issue: 13/4/05

Facsimile: (07) 3204 8311

## PRODUCT : PENETRATOR

CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA.

Product Code: 0010137

Other names: N/A

UN Number: 1993	Shipping Name: Flammable Liquids N.O.S. h.f.p.
Hazchem Code: 2R	DG Class : 3.2
Subsidiary Risk: None allocated	Poison Schedule: 5
Packaging Group: III	

### PHYSICAL DESCRIPTION/PROPERTIES

Use:	Protects metal surfaces from rust and corrosion.		
Appearance :	Caramel coloured, non viscous liquid	Odour :	hydrocarbon
Specific Gravity:	0.87	Vapour Pressure:	Not determined
Solubility in water:	Not miscible	Flash Point :	46degrees C
Boiling/Melting Points:	160 - 275 °C	Flammability Limits :	80degrees C
Other Properties:	Nil	pH :	

### INGREDIENTS

Chemical	CAS Number	Proportion (w/v)
Deodorised Kerosene	8008-20-6	<90%
Ingredients determined to be non-hazardous	not required	>10%

### FIRST AID:

Swallowed:	In case of ingestion, vomiting should NOT be induced due to the hazard of solvent aspiration in to the lungs, which may cause pulmonary injury. Seek medical assistance.
Eye:	Immediately irrigate with copious quantities of water for at least 15 minutes. Seek medical attention.
Skin Contact:	Wash affected area thoroughly with soap & water. Remove contaminated clothing and wash before re-use.
Inhaled:	Remove victim from exposure and if breathing has stopped, give artificial respiration. Keep individual calm and call a physician.
First Aid Facilities:	No special requirements
Advice to Doctor:	A non-corrosive mixture of barium based soap and oil in hydrocarbon solvent. Treat symptomatically.

### WORKSAFE AUSTRALIA CLASSIFICATION

CATEGORY :	Xn - HARMFUL
RISK PHRASES :	R10 Flammable R36/37/39 Irritating to eyes, respiratory system and skin.
SAFETY STATEMENT:	S2 Keep out of reach of children S16 Keep away from sources of ignition -No smoking. S20/21 When using, do not eat, drink, or smoke. S23 Do not breathe gas/fumes/vapour/spray. S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or poisons information centre. S33 Take precautionary measures against static discharges. S36/37/39 Wear suitable protective clothing , gloves and eye/face protection. S38 In case of insufficient ventilation, wear suitable respiratory equipment. S51 Use only in well ventilated areas.

## PRODUCT: PENETRATOR

### HEALTH EFFECTS

#### ACUTE:

- Swallowed:** Slightly toxic.
- Eye:** High vapour concentrations are irritating to the eyes. Direct contact is moderately irritating, but permanent damage would not be expected.
- Skin Contact:** Prolonged contact will remove natural oils from the skin.
- Inhaled:** High vapour concentrations are irritating to the respiratory tract, may cause headaches and dizziness.

#### CHRONIC:

No data

---

### PRECAUTIONS FOR USE:

- Exposure Standards:** No value assigned for the specific material by the National Health and Medical Research Council or by the National Occupational Health and Safety Commission (Worksafe Australia). Recommend 5mg/m<sup>3</sup> as oil mist.
- Engineering Controls:** Not normally required unless used in a confined space. Use local exhaust face velocity of >20m/min with explosion proof equipment.
- Personal Protection:** Use good Occupational work practice. The use of protective clothing and equipment depends on the degree and nature of exposure. The following should be available: chemically resistant gloves, splash goggles, hydrocarbon vapour canister or supplied air respiratory protection in confined spaces
- Flammability:** Flashpoint greater than 46 degrees C.

---

### SAFE HANDLING INFORMATION:

- Storage and Transport:** Store in cool dry place. Classified as a class 3.2 (flammable) dangerous substance for the purposes of transport and storage.
- Spills and Disposal:** Wear protective clothing to prevent skin and eye contamination. Prevent large spills from entering sewer systems, waterways, etc. Mop up with absorbent material. Collect and seal in properly labeled containers for disposal. Wash area down with excess water.  
Disposal – Refer to State Land Waste Management Authority. Normally suitable for disposal at approved land waste site.
- Fire/Explosion:** CO evolved if combustion incomplete. Low hazard. Material can form flammable mixtures or can burn only upon heating above flash point.
- Other information:** Extinguishing media: Use dry chemical, foam or carbon dioxide. Use air supplied breathing equipment.

---

**CONTACT POINT: Industrial Chemist - phone: 07 3204 8300**

This material safety data sheet is compiled from the best information currently available to the company. The company accepts no responsibility for the accuracy of the information contained in this data sheet, or any results obtained by customers or end-users. Good industrial hygiene should always be used when handling chemicals.

END OF MSDS