

# PENETRENE BULK

## MATERIAL SAFETY DATA SHEET

|                     |  |  |
|---------------------|--|--|
| MSDS No:            |  | <b>QUICK SMART PRODUCTS</b>                              |
| Product Name:       | Penetrene Bulk                               | <b>53 ASSEMBLY DRIVE</b>                                 |
| Manufacturers Code: | PEN250, PEN500, PEN1,<br>PEN5, PEN20, PEN200 | <b>TULLAMARINE VIC 3043</b>                              |
| Date:               | 20 May 2008                                  | <b>(03) 9338 6655 (BH)</b><br><b>(03) 9336 7945 (AH)</b> |

**STATEMENT OF HAZARDOUS NATURE:** HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

### IDENTIFICATION

|              |     |                       |     |
|--------------|-----|-----------------------|-----|
| U/N No       | N/A | Dangerous Goods Class | N/A |
| Hazchem Code | N/A | Poisons Schedule      | 5   |

### PHYSICAL DESCRIPTION / PROPERTIES

|                           |         |                         |                      |
|---------------------------|---------|-------------------------|----------------------|
| Appearance:               | Red Oil | Odour:                  | Petroleum            |
| Autoignition Temperature: | N/A     | Flash Point(°C):        | 70°C Closed cup      |
| Boiling Point (°C):       | 193°C   | Flammability Limits(%): | (LEL) 1.4% (UEL) 12% |
| Vapour Pressure:          | N/A     | Solubility in Water:    | Insoluble            |
| Specific Gravity (21°C):  | 0.80    | Vapour Density:         | N/A                  |
| Evaporation Rate:         | N/A     | Percent Volatiles:      | 74%                  |

### INGREDIENTS:

| Chemical Entity       | W%W       | CAS No:    | UN No: |
|-----------------------|-----------|------------|--------|
| Petroleum Distillates | >60%      | 68334-30-5 | 1993   |
| Petroleum Base Oil    | <10 - 30% | 8012-95-1  | N/A    |
| Tetrachloroethylene   | <10%      | 127-18-4   | 1897   |

### SAFE HANDLING INFORMATION

|                                   |   |
|-----------------------------------|---|
| <b>Storage &amp; Transport:</b>   | "Australian Code for the Transport of Dangerous Goods by Road and Rail". (ADG Code) Must be stored and transported in accordance with state or territory dangerous goods regulations. |
| <b>Spills &amp; Leaks:</b>        | <b>Small spills: Absorb material with sand or vermiculite.</b><br><b>Large Spills: Pump into tank.</b>  |
| <b>Waste Disposal:</b>            | Dispose in accordance with State or Territory regulations. Disposal into sewerage system is not permitted.  |
| <b>Fire &amp; Explosion Data:</b> | Extinguishing media is Co2, dry chemical or foam. HAZCHEM 3(Y). Use fog as appropriate medium to extinguish fire and wear protective clothing with breathing apparatus.               |

### HEALTH HAZARD INFORMATION

#### HEALTH EFFECTS

|                   |   |
|-------------------|---|
| <b>Swallowed:</b> | May cause irritation, nausea, vomiting and diarrhoea. Can enter lungs and may cause chemical pneumonitis. Do not induce vomiting. Call physician immediately. |
| <b>Eye:</b>       | May cause irritation, tearing and redness.  |
| <b>Skin:</b>      | May cause drying of skin and / or irritation.   |
| <b>Inhaled:</b>   | May cause anaesthesia, headache, dizziness, nausea and upper respiratory irritation. May cause death if concentrated then inhaled.                            |

### TREATMENT

|                   |   |
|-------------------|---|
| <b>Swallowed:</b> | Do not induce vomiting, seek medical advice. LD50 (Oral) 6400 mg/kg RAT. LC50(INH>) 1400 PPM (4HR) RAT                                      |
| <b>Eye:</b>       | Hold eyelid open and flush with water for 15 minutes.   |
| <b>Skin:</b>      | Wash with soap and water.   |
| <b>Inhaled:</b>   | Remove person to fresh air. If person not breathing, give artificial respiration, in serious cases of over-exposure seek medical attention. |

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### PRECAUTIONS FOR USE:

|                             |  |  |
|-----------------------------|--|--|
| <b>Exposure Standards:</b>  | Aliphatic Petroleum Distillates<br>Petroleum Base Oil<br>Tetrachloroethylene   | 100PPM (PEL)<br>5mg/M▲3 (TWA)<br>TLU-TWA 500PPM<br>TLU-STEL 200PPM |
| <b>Ventilation:</b>         | Threshold Limit Value (TLV - TWA)<br>Petroleum distillates. Lowest TLV. (ACGIH 100 PPM)<br>Use in well ventilated area.  |  |
| <b>Personal Protection:</b> | Respiratory Protection: Advised when concentrations exceed TLV<br>Protective Gloves: Advised to prevent possible skin irritation.<br>Eye Protection: Approved eye protection to safeguard against potential eye contact, irritation or injury. |  |
| <b>Flammability:</b>        | Combustible. Keep away from heat, flame or ignition source. Keep out of reach of children.   |  |

### CONTACT POINT

|                 |            |
|-----------------|------------|
| <b>Contact:</b> | WALTER DAY |
|-----------------|------------|