

# SAFETY DATA SHEET

## Section 1 - Identification of Chemical Product and Company

Hammersley Products (Aust) Pty Ltd ACN 001 621 281  
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Phone: (02)4928 2955 Fax: (02)4928 2405



**Trade Name:** PENETRAX  
**Product Code:** NA  
**Product Use:** Penetrating lubricant; Moisture dispersant.  
**Revision Date:** June 2016  
**Expiry date:** June 2021

## Section 2 - Hazards Identification

### Statement of Hazardous Nature

This product is classified as a HAZARDOUS CHEMICAL in accordance with the GHS. It is classified as a DANGEROUS GOOD by the ADG code.

### Classification of the substance or mixture:

Eye Irritation - Category 2  
Skin Irritation - Category 2  
Carcinogenicity - Category 1B  
Mutagen - Category 2  
Specific Target Organ Toxicity (single exposure) - Category 3  
Aspiration Hazard - Category 1  
Acute Aquatic Toxicity - Category 2  
Chronic Aquatic Toxicity - Category 2

**Signal Word:** Danger



### Hazard Statements:

H319 Causes serious eye irritation  
H315 Causes skin irritation  
H350 May cause cancer  
H341 Suspected of causing genetic defects  
H336 May cause drowsiness and dizziness  
H304 May be fatal if swallowed and enters lungs  
H411 Toxic to aquatic life with long lasting effects

### Precautionary Statements:

#### Prevention

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P281 Use personal protective equipment as required.

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P261 Avoid breathing mist/vapours/spray.  
P271 Use only outdoors or in a well-ventilated area.  
P264 Wash hands thoroughly after handling  
P280 Wear protective gloves/protective clothing/eye protection/ face protection.

#### Response

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or a doctor.  
P331 Do not induce vomiting.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P332 + P313 If skin irritation occurs: Get medical advice/attention.  
P362 Take off contaminated clothing and wash before reuse.  
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P312 Call a POISON CENTER or doctor if you feel unwell.  
P305 + P351 +P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice/attention.  
P308 + P313 If exposed or concerned: Get medical advice/attention.

#### Storage

P405 Store locked up  
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

#### Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**SUSMP Classification:** Schedule 6  
**ADG Classification:** TOXIC LIQUID, ORGANIC, N.O.S  
**UN Number:** 2810

### Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc, %
Trichloroethylene	79-01-6	10 - 30%
Liquid Hydrocarbons	Not available	30 – 60%
Diacetone Alcohol	123-42-2	< 10 %

### Section 4 - First Aid Measures

<b>Eye Contact</b>	Hold eyelids apart and flush the eye continuously with running water for at least 15 minutes or until advised by a Poisons Information Centre or doctor. Seek medical attention.
<b>Skin Contact</b>	Remove contaminated clothing and wash skin thoroughly with soap and water. If irritation persists, seek medical advice/attention.
<b>Inhalation</b>	Remove patient to fresh air avoid becoming a casualty. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.
<b>If Swallowed</b>	Do NOT induce vomiting. Rinse mouth with water and give water to drink. Seek immediate medical attention. For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.
<b>Advice to Doctor</b>	Treat symptomatically. Gastric lavage may be effective within 4 hours of ingestion. Following ingestion adsorbants such as activated carbon may be of value.
<b>Additional Information</b>	-

### Section 5 - Fire Fighting Measures

Combustible liquid. This product is not likely to be the initiator of a fire but may contribute to the fuel of a fire.

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Phone: (02) 4928 2955

Poisons Information Centre: 13 1126 from anywhere in Australia, (0800 764 766 in New Zealand)

### Suitable Extinguishing Equipment

If involved in a fire, appropriate extinguishing media include fine water spray, dry extinguishing media, foam and carbon dioxide

### Special Protective Equipment and Precautions for Fire Fighters

When fighting fires involving significant quantities of this product, wear a splash suit complete with self-contained breathing apparatus.

### Specific hazards arising from the chemical:

Toxic and/or irritating fumes including hydrogen chloride, carbon monoxide and carbon dioxide may be emitted.

Hazchem Code: 2X

## Section 6 - Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

Personal protective equipment should be worn when cleaning up spills. Restrict access to area until completion of cleanup. Stop leak if safe to do so. May be slippery when spilled.

### Methods and Materials for containment and cleaning up

Contain spill with absorbent material, such as sand, vermiculite or other inert material. Collect and dispose of spilled material according to local regulations. Clean area by working from the periphery to the centre of spill or from the edge of the room to the centre.

### Environmental precautions

Prevent spill entering sewers or waterways.

## Section 7 - Handling and Storage

### Precautions for Safe Handling

Avoid skin and eye contact and avoid breathing in vapour, mists or aerosols. An eye bath and safety shower is recommended. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling.

### Conditions for Safe Storage

Store in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use. Store away from incompatible materials listed in section 10 including oxidizing agents, acids, combustible materials and sources of ignition. Protect from direct sunlight.

Store in original packaging as approved by manufacturer.

## Section 8 - Exposure Controls and Personal Protection

No exposure limits available for this material, however values available for constituents;

ASCC Exposure Limits	TWA (mg/m <sup>3</sup> )	STEL (mg/m <sup>3</sup> )	
Trichloroethylene	54	216	(skin)
Diacetone Alcohol	238	-	

Note - A "skin" notation following the exposure guideline refers to the potential for dermal adsorption of the material including mucous membranes and the eyes either by contact with vapours or direct skin contact. It is intended to alert the reader that inhalation may not be the only route of exposure and that measures to minimise dermal exposure should be considered.

Carcinogenicity Category 1B – known or presumed to have carcinogenic potential for humans based on animal evidence.

Solvent resistant gloves and safety glasses are recommended to avoid skin and eye contact. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

**Ventilation:** Use in a well-ventilated area. This product should only be used where there is ventilation that is adequate to keep exposure below the TWA levels.

### Personal Protective Equipment

**RESPIRATOR:** Wear an approved respirator where vapours are generated and engineering controls are inadequate.

**EYES:** Safety glasses or splash goggles to prevent splashing in the eyes.

**HANDS:** Wear solvent resistant gloves.

**CLOTHING:** Chemical resistant coveralls and safety footwear.

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### Section 9 - Physical and Chemical Properties:

<b>Physical Description:</b>	Liquid	<b>Water Solubility:</b>	Insoluble
<b>Odour:</b>	Sweet pungent odour	<b>pH:</b>	No data
<b>Boiling Point:</b>	No data	<b>Flash Pt.</b>	>60°C
<b>Freezing/Melting Point:</b>	No data	<b>Volatility:</b>	No data
<b>Volatiles:</b>	No data	<b>Odour Threshold:</b>	No data
<b>Vapour Pressure:</b>	No data.	<b>Evaporation Rate:</b>	No data
<b>Vapour Density:</b>	No data	<b>Coeff Oil/water Distribution:</b>	No data
<b>Specific Gravity:</b>	~1	<b>Autoignition temp:</b>	No data

### Section 10 - Stability and Reactivity

<b>Reactivity:</b>	This product is unlikely to react or decompose
<b>Chemical Stability:</b>	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
<b>Conditions to Avoid:</b>	This product should be kept in a cool place, preferably below 30°C. Avoid exposure to heat, sources of ignition and open flames. Avoid contact with incompatible materials. Avoid exposure to light.
<b>Incompatible Materials:</b>	Strong oxidising agents, acids, alkalis, liquid oxygen, combustible materials and sources of ignition.
<b>Hazardous Decomposition Products:</b>	Toxic and/or irritating fumes including phosgene, hydrogen chloride, carbon monoxide and carbon dioxide may be released on thermal decomposition.
<b>Hazardous Reactions:</b>	This product will not undergo polymerisation reactions.

### Section 11 - Toxicological Information

No adverse health effects expected if this product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may occur if the product is mishandled or over exposure occurs are:

<b>Swallowed</b>	Swallowing may result in nausea, vomiting, diarrhoea, abdominal pain and irritation to the gastrointestinal tract. May result in central nervous system depression. If the victim shows signs of central nervous system depression (like those of drunkenness) there is a greater likelihood of patient breathing in vomit and causing damage to the lungs.
<b>Eye</b>	Irritating to eyes and may result in redness, stinging and excessive tearing.
<b>Skin</b>	May cause irritation to the skin that may result in redness, itching or swelling. Will have a degreasing action on the skin. Repeated or prolonged contact may lead to irritant contact dermatitis. Can be absorbed through the skin with resultant adverse effects.
<b>Inhaled</b>	Breathing in mists or aerosols may cause respiratory irritation. Breathing in vapour can result in headaches, dizziness, drowsiness and possible nausea. Breathing in vapour can cause central nervous system depression, which can lead to loss of co-ordination, impaired judgment and if exposure is prolonged, unconsciousness.

#### Chronic Effects

This product contains chemicals that are known to or presumed to cause cancer.

#### Acute Toxicity

No data available for this product. Data for the constituent/s;

Trichloroethylene

Oral LD50 (rat): 4920 mg/kg

Oral LD50 (mice): 2402 mg/kg

### Section 12 - Ecological Information

Avoid contaminating waterways.

#### Ecotoxicity

Toxic to aquatic life with long lasting effects

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**Persistence/degradability**

No data

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**Section 13 - Disposal Considerations**

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**Disposal method**

Refer to State/Territory Waste Management Authority. Dispose of material through a licensed waste contractor. Rinse empty containers thoroughly before recycling or disposing to an authorised landfill.

**Special precautions**

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**Section 14 - Transport Information**

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Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code)

**UN Number:** 2810  
**UN Proper Shipping Name:** TOXIC LIQUID, ORGANIC, N.O.S.  
**Class and subsidiary risk:** 6.1 Toxic  
**Packing Group:** III  
**Special precautions for user:** Not applicable  
**Hazchem Code:** 2X

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**Section 15 - Regulatory Information**

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**Poisons Schedule (SUSMP):** Schedule 6 (POISON)  
All ingredients are listed in the Australia Inventory of Chemical Substances (AICS).

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**Section 16 - Other Information**

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**Date of Preparation:** June 2016

**This SDS contains only safety-related information. For other data see product literature.** Please read all labels carefully before using product.

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

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