

PENETRENE BULK

SAFETY DATA SHEET

MSDS No:		QUICK SMART PRODUCTS
Product Name:	PENETRENE BULK	53 ASSEMBLY DRIVE
Manufacturers Code:	PEN250, PEN500, PEN1, PEN5, PEN20, PEN200	TULLAMARINE VIC 3043
Date:	November 2017	ABN: 40 959 725 049 Ph: (03) 9338 6655 (BH) Fax: (03) 9335 2598 Email: gsmart@bigpond.net.au Web: www.quicksmartproducts.com.au

1. IDENTIFICATION OF THE MATERIAL AND MANUFACTURER / SUPPLIER

Product Name	PENETRENE BULK
Company Name	QUICK SMART PRODUCTS
Address	53 Assembly Drive Tullamarine Vic 3043
Telephone	(03) 9338 6655 (BH) Poisons Information Centre 131126 (AH) (03) 9336 7945 (AH)
Recommended Use	Protectant, Lubricant and Rust Penetrator

2. HAZARDS IDENTIFICATION

Hazard Classification	This product is classified as hazardous.
Dangerous Goods Classification	Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)
GHS Classification(s)	Combustible Liquids: 4 Aspiration Hazard: Category 1 Skin Irritant: 3

GHS Label Elements

Signal Word DANGER

Symbol(s)



Hazard Statements

AUH066	Repeated exposure may cause skin dryness or cracking.
H227	Combustible Liquid.
H304	May be fatal if swallowed and enters airway.

Precautionary Statements

Prevention

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
P271	Use only outdoors or in a well ventilated area.
P273	Avoid release to the environment
P281	Wear personal protective equipment as required.

Response

P301+P331+P310	IF SWALLOWED: DO NOT induce vomiting. Immediately call a POISON CENTRE/doctor.
P308+P313	If exposed or concerned: Get medical advice/attention.
P331+P313	If skin irritation occurs: Get medical advice/attention.
P370+P378	In case of fire: Use foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only for extinction.

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Storage

P403+P235

Store in a well-ventilated place. Keep cool.

Disposal

P501

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

3. COMPOSITION/INFORMATION ON 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	<5%	127-18-4	1897

4. FIRST AID MEASURES

For advice, contact Poisons Information Centre (Phone Aust: 13 11 26) or a doctor.

Description of necessary measures according to routes of exposure

Inhaled	Remove the source of contamination and move the affected person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. If the victim is not breathing, apply artificial resuscitation and seek urgent medical attention.
Swallowed	If swallowed DO NOT induce vomiting. Keep at rest. Seek immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.
Eye Contact	Hold eyelid open and flush eyes with large amounts of clean water for at least 15 minutes or until irritation subsides. If irritation persists seek medical attention.
Skin Contact	Remove contaminated clothing. Flush affected area with large amounts of water and wash area with soap if available. Seek medical attention for skin irritations.
First Aid Facilities	First Aid kits, safety showers, eye wash station.
Advice to Doctor	Treat symptomatically.

5. FIRE FIGHTING MEASURES

General Measures	Do not enter enclosed or a confined work space without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available). Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk.
Suitable Extinguishing Media	Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
Unsuitable Extinguishing Media	DO NOT use water in a jet directly on the fire as this may spread the fire.
Flammability	Combustible liquid. Keep storage tanks, pipelines and fire exposed surfaces cool with water mist. Ensure adequate ventilation to prevent explosive vapour-air mixture and prevent build-up of electrostatic charges (i.e. by grounding). Vapour/air mixtures may ignite explosively and flashback along the vapour trail. Remove sources of re-ignition. Fire-exposed container may rupture/explode.

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Hazards from Combustion Products	Under fire conditions this product may emit toxic and/or irritation fumes and gases including carbon monoxide and carbon dioxide.
Special Protective Precautions and Equipment for Fire Fighters	Fire Fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.
Specific Hazards	During a fire this product may release smoke and hazardous decomposition products.
Hazchem Code	None allocated.

6. ACCIDENTAL RELEASE MEASURES

Protective Measures	Avoid contact with spilled or released material. Wear appropriate protective equipment and clothing to prevent exposure. Shut off leaks, if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Remove all possible sources of ignition in the surrounding area. Take precautionary measures against static discharge. Ensure electrical continuity by bonding and earthing all equipment.
Spills	Spillages are slippery. Avoid accidents, clean up immediately. Personnel involved in cleaning up any spills are to wear protective equipment to prevent skin and eye contamination and inhalation of vapours. Cordon off the spillage area. Isolate the source of the spillage or leak. Contain using sand or soil. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal.
Environmental Precautionary Measures	Use appropriate containment to avoid environmental contamination. Do not let product enter drains, surface water, sewers or water courses. Advise local authorities if this occurs.
Disposal	Contaminated product should be placed in suitable labelled containers for disposal. Dispose of waste according to Federal, EPA, State and Local Regulations. Assure conformity with all applicable regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling	Before use carefully read the product label. Avoid inhalation of vapours and mists, and skin and eye contact. Wear protective personal protective equipment and clothing to prevent exposure. Keep containers securely sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Do not use near fire or open flames. Maintain high standards of personal hygiene when using this product i.e. washing hands prior to eating, drinking or using toilet facilities.
Conditions for Safe Storage	Combustible Liquid. Store in a cool, dry, well ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs and clothing. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. For further information reference should be made to Australian Standard AS1940 - The Storage and Handling of Flammable and Combustible Liquids.

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8. EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Standards No exposure standards have been established for this product by the National Occupational Health and Safety Commission (NOHSC). However, Exposure Standard for ingredient:

	TWA		STEL	
Perchloroethylene	50ppm	340mg/m ³	150ppm	1020mg/m ³
Oil mist, refined mineral	-	5mg/m ³	-	-

All occupational exposures to atmospheric contaminants should be kept to as low a level as is workable and in all cases to below the National Standard. These Exposure Standards are guides to be used in the control of occupational health hazards. These Exposure Standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering Controls Use in well ventilated areas. In the operation of certain equipment or at higher temperatures, mist or vapour may be generated and exhaust ventilation should be used to maintain airborne concentration levels below the exposure limit. Where no exposure standard is stated, keep as low as practicable.

Respiratory Protection If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

Eye Protection Safety glasses with side shields, goggles or full-face shield to safeguard against potential eye contact, irritation or injury is recommended. Eye protection should conform with Australian/New Zealand Standards AS/NZS 1337 – Eye Protectors for Industrial Applications.

Hand Protection Gloves made from impervious material to safeguard against possible skin irritation is recommended. Reference should be made to AS/NZS 2161.1 – Occupational Protective Gloves – Selection, Use and Maintenance.

Body Protection Suitable protective work wear is recommended. Chemical resistant plastic apron is recommended where large quantities are handled.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Red Oil
Odour	Petroleum
Vapour Pressure	No data available
Vapour Density	No data available
Boiling Point (°C)	193
Melting Point (°C)	No data available
Solubility in Water	Immiscible
Specific Gravity (21°C)	0.08
Flash Point (°C)	70°C Closed Cup
Flammable (Explosive) Limit	Upper: No data available Lower: No data available

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Autoignition Temp	No data available
Evaporation Rate	No data available
Percent Volatiles	74%

10. STABILITY AND REACTIVITY

Stability	The product is stable under normal conditions of storage and handling.
Conditions to Avoid	Heat, direct sunlight, sparks, open flames or other sources of ignition.
Materials to Avoid	Avoid contact with strong oxidising agents.
Hazardous Decomposition Products	Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon dioxide, carbon monoxide and other hazardous substances.
Hazardous Polymerization	Not available.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicity data is available for this specific product.
Ingestion	Swallowing large amounts may produce gastrointestinal irritation, nausea, vomiting and diarrhoea. This product is an aspiration hazard. If swallowed, can enter the lungs and may cause chemical pneumonitis, severe lung damage and death
Eyes	May be irritating to eyes. The symptoms may include redness, itching and tearing.
Skin	May cause mild irritation. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis.
Inhalation	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
Respiratory Sensitisation	Not expected to be a respiratory sensitiser.
Skin Sensitisation	Not expected to be a skin sensitiser.
Aspiration Hazard	May be fatal if swallowed and enters airways.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No ecological data is available for this specific product.
Persistence/Degradability	Not available
Mobility	Floats on water.
Bioaccumulative Potential	Not available
Other Adverse Effects	Films formed on water may affect oxygen transfer and damage organisms.
Environmental Protection	Avoid contaminating waterways. Do not discharge this material into waterway, drains and sewers.

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13. DISPOSAL CONSIDERATIONS

Disposal Considerations Waste product should be placed in sealed, properly labelled containers for disposal. Dispose of waste according to Federal, EPA, State and Local Regulations. Assure conformity with all applicable regulations.

14. TRANSPORT INFORMATION

Transport Classified as Non-Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

15. REGULATORY INFORMATION

SUSMP Schedule Not scheduled.
AICS (Australia) To the manufacturers best knowledge, all ingredients are listed in the Australian Inventory of Chemical Substances (AICS)

16. OTHER INFORMATION

Contact Person/Point Technical Contact Number: (03) 9338 6655.

Date of Preparation or last revision of SDS SDS reviewed: 13 November 2017

Abbreviations	
ACGIH	American Conference of Governmental Industrial Hygienists
ADG Code	Australian Code for the Transport of Dangerous Goods by Road & Rail
AICS	Australian Inventory of Chemical Substances
CAS Number	Chemical Abstracts Service Registry Number
GHS	Globally Harmonised System of Classification and Labelling
HAZCHEM Code	Emergency action code of numbers and letters which gives information to emergency services
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
mg/m³	Milligrams per Cubic Metre
NOHSC	National Occupational Health and Safety Commission
ppm	Parts Per Million
STEL	Short Term Exposure Limit
SDS	Safety Data Sheet
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
TWA	Time Weighted Average

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 in the workplace and in conjunction with other materials. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The Company accepts no responsibility for any injury, loss or damage, resulting from abnormal use of the material or from any failure to adhere to recommendations. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

END OF SDS