

SAFETY DATA SHEET

PENETRENE BULK Q3000

Infosafe No.: ACXUB
ISSUED Date : 01/11/2023
ISSUED by: QUICK SMART PRODUCTS

Section 1 - Identification

Product Identifier

PENETRENE BULK Q3000

Product Code

PEN250

Company Name

QUICK SMART PRODUCTS

Address

4 - 8 MALTON COURT ALTONA
VIC 3018 AUSTRALIA

Telephone/Fax Number

Tel: (03) 9398 4444 (BH)

Emergency Phone Number

(03) 9398 4444 (BH), 0425 800 022 (AH), Poisons Information Centre 13 11 26

Recommended use of the chemical and restrictions on use

Protectant, Lubricant and Rust Penetrator

Other Names

Name	Product Code
PENETRENE BULK Q3000	PEN500
PENETRENE BULK Q3000	PEN5
PENETRENE BULK Q3000	PEN20
PENETRENE BULK Q3000	PEN1000
PENETRENE BULK Q3000	PEN250
PENETRENE BULK Q3000	PEN500
PENETRENE BULK Q3000	PEN5
PENETRENE BULK Q3000	PEN20
PENETRENE BULK Q3000	PEN1000

Section 2 - Hazard(s) Identification

GHS classification of the substance/mixture

Combustible Liquids: 4

Aspiration Hazard: Category 1

Skin Irritant: 3

Signal Word (s)

DANGER

Hazard Statement (s)

AUH066 Repeated exposure may cause skin dryness or cracking.

H227 Combustible liquid.

H304 May be fatal if swallowed and enters airways.

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Pictogram (s)

Health hazard, Exclamation mark



Precautionary Statement – Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

Precautionary Statement – Response

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor

P331 Do NOT induce vomiting.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P332+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 to extinguish.

Precautionary Statement – Storage

P403+P235 Store in a well-ventilated place. Keep cool.

Precautionary Statement – Disposal

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

Precautionary Statement – General

P102 Keep out of reach of children.

Section 3 - Composition and Information on Ingredients

Ingredients

Name	CAS	Proportion
Fuels, diesel	68476-34-6	>60 %w/w
Petroleum Base Oil	8012-95-1	<10 - 30%w/w
Tetrachloroethylene	127-18-4	<5 %w/w

Information on Composition

Chemical Entity: Fuels, diesel

UN No: N/A

Chemical Entity: Petroleum Base Oil

UN No: N/A

Chemical Entity: Tetrachloroethylene

UN No: 1897

Section 4 - First Aid Measures

First Aid Measures

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

Inhalation

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.

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Ingestion

If swallowed DO NOT induce vomiting. Keep at rest. Seek immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

Skin

Remove contaminated clothing. Flush affected area with large amounts of water and wash area with soap if available. Seek medical attention for skin irritations.

Eye

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.

First Aid Facilities

First Aid kits, safety showers, eye wash station.

Advice to Doctor

Treat symptomatically.

Section 5 - Firefighting Measures

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.

Hazards from Combustion Products

Under fire conditions this product may emit toxic and/or irritation fumes and gases including carbon monoxide and carbon dioxide.

Specific hazards arising from the chemical

In a fire or if exposed to extreme heat, a pressure increase may occur and closed containers may burst.

Hazchem Code

None allocated.

Precautions in connection with Fire

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.

Section 6 - Accidental Release Measures

Spills & Disposal

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.

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.

Personal Protection

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.

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Environmental Precautions

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.

Section 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, including any incompatibilities

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.

Section 8 - Exposure Controls and Personal Protection

Occupational exposure limit values

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

Perchloroethylene

TWA: 50ppm 340mg/m³

STEL: 150ppm 1020mg/m³

Oil mist, refined mineral

TWA: - 5mg/m³

STEL: - -

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 and Face 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.

Section 9 - Physical and Chemical Properties

Properties	Description	Properties	Description
Form	Liquid	Appearance	Red Oil
Odour	Petroleum	Melting Point	No data available
Boiling Point	193°C	Solubility in Water	Immiscible
Specific Gravity	0.08 (21°C)	Vapour Pressure	No data available
Relative Vapour Density (Air=1)	No data available	Evaporation Rate	No data available
Volatile Component	74%	Flash Point	70°C (Closed Cup)
Auto-Ignition Temperature	No data available	Flammable Limits - Lower	No data available
Flammable Limits - Upper	No data available	Explosion Limit - Upper	No data available
Explosion Limit - Lower	No data available		

Section 10 - Stability and Reactivity

Chemical 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.

Incompatible Materials

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.

Section 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

Inhalation

Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

Skin

May cause mild irritation. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis.

Eye

May be irritating to eyes. The symptoms may include redness, itching and tearing.

Respiratory Sensitisation

Not expected to be a respiratory sensitizer.

Skin Sensitisation

Not expected to be a skin sensitizer.

Aspiration Hazard

May be fatal if swallowed and enters airways.

Section 12 - Ecological Information

Ecotoxicity

No ecological data is available for this specific product.

Persistence and 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.

Section 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.

Section 14 - Transport Information

UN Number

None Allocated

Proper Shipping Name

None Allocated

Transport Hazard Class

None Allocated

Hazchem Code

None allocated.

IATA UN Number

NCAD

IATA Proper Shipping Name

Not dangerous for conveyance under IATA code

IMDG UN Number

NCAD

IMDG Proper Shipping Name

Not dangerous for conveyance under IMO/IMDG code

Additional Information

Transport

Classified as Non-Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) and International Air Transport (IATA) Dangerous Goods Regulations for transport by air.

Section 15 - Regulatory Information

Poisons Schedule

Not Scheduled

Global Inventory Status

Country/Region Inventory	Status Description	Country/Region Inventory	Status Description
Page 5 of 7		Product Name: PENETRENE BULK Q3000	

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Country/Region Inventory	Status Description	Country/Region Inventory	Status Description
Australia (AICS/AIIC)	AICS (Australia) To the manufacturers best knowledge, all ingredients are listed in the Australian Inventory of Chemical Substances (AICS)		

Section 16 - Any Other Relevant Information

User Codes

User Title Label	User Codes
Wis Numbers	02272302
Wis Numbers	03279618
Wis Numbers	03966400
Wis Numbers	03966701
Wis Numbers	03966808

Other Information

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

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END OF SDS

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