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SAFETY DATA SHEET

PENETRENE AEROSOL Q3000

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

Section 1 - Identification

Product Identifier
PENETRENE AEROSOL Q3000

Product Code
PEN400

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 AEROSOL Q3000	PEN400

Section 2 - Hazard(s) Identification

GHS classification of the substance/mixture
Flammable Aerosol: Category 1
Aspiration Hazard: Category 1
Skin Irritant: 3

Signal Word (s)
DANGER

Hazard Statement (s)
H222 Extremely flammable aerosol.
H229 Pressurized container: may burst if heated.
H304 May be fatal if swallowed and enters airways.
H332 Harmful if inhaled.
H336 May cause drowsiness or dizziness.

Pictogram (s)
Flame,Health hazard,Exclamation mark

Precautionary Statement – Prevention
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.
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.

Precautionary Statement – Response
P301+P331+P310 IF SWALLOWED: DO NOT induce vomiting. Immediately call a POISON CENTRE/doctor.
P304+P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P312 Call a POISON CENTRE or doctor/physician if you feel unwell.
P331+P313 If skin irritation occurs: Get medical advice/attention.

Precautionary Statement – Storage
P403+P235 Store in a well-ventilated place. Keep cool.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Precautionary Statement – Disposal
P501 Dispose of contents/container in accordance with local/regional/national regulations.

Precautionary Statement – General
P102 Keep out of reach of children.

Other Information
Hazard Classification: This product is classified as hazardous according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 7th Revised Edition.

Dangerous Goods Classification: Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

Section 3 - Composition and Information on Ingredients

Ingredients

Name	CAS	Proportion
Petroleum Distillates	68334-30-5	>40 %w/w
Petroleum Base Oil	8012-95-1	<10 - 30%w/w
Tetrachloroethylene	127-18-4	<5 %w/w
Propane/Isobutane	106-97-8	10-30 %w/w

Other Information
Chemical Entity: Petroleum Distillates
UN No: 1993

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.

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
CO_2, dry chemical or foam. Prevent contamination of drains or waterways. Do not use water jet or flooding amounts of water. Burning product will float on the surface and spread 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
Extremely flammable aerosol. Contents under pressure. Keep away from ignition source and open fire. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force. Vapours are heavier than air and may travel along surfaces to remote ignition sources and flash back. A vapour and air mixture can create an explosion hazard in confined spaces.

Hazchem Code
2Y

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. Cool fire exposed containers with water.

Section 6 - Accidental Release Measures

Emergency Procedures
Protective Measures: Avoid contact with spilled or released material. Wear appropriate protective equipment and clothing to prevent exposure. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Eliminate all possible sources of ignition and ventilate the area. Take precautionary measures against static discharge. Ensure electrical continuity by bonding and earthing all equipment.

Spills & Disposal
Spills: Leaking cans should be placed in an open pail until the pressure has dissipated. Contain spillage, then cover/absorb with non combustible absorbent material (vermiculite, sand or similar material), collect and place in suitable marked containers for 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.

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. Observe good personal hygiene, including washing hands thoroughly after handling. Do not puncture, crush or incinerate containers, even when empty.

Conditions for safe storage, including any incompatibilities
Flammable Aerosol. Store in a cool, dry, well ventilated area away from heat or ignition sources. Store away from incompatibles such as oxidizing agents, acids or alkalis. Ensure aerosol containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for damaged or leaking containers. Large storage areas should have appropriate fire protection and ventilation systems. 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). Exposure Standard for:

Tetrachloroethylene
TWA: 50 ppm, 340 mg/m³
STEL: 150 ppm, 1020 mg/m³

Oil Mist, Refined Mineral
TWA: 5 mg/m³

Butane
TWA: 800 ppm, 1900 mg/m³

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
Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical explosion proof extraction ventilation is recommended. Flammable vapours may accumulate in poorly ventilated or confined areas. Vapours are heavier than air and may travel some distance to an ignition source and flash back. Maintain vapour levels below the recommended exposure standard.

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.

Section 9 - Physical and Chemical Properties

Properties	Description	Properties	Description
Form	Aerosol - Liquid	**Appearance**	Red Oil Liquid (Aerosol Dispensed)
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	No data available	**Flash Point**	70°C (Closed Cup)
Auto-Ignition Temperature	No data available	**Flammable Limits - Lower**	1.4%
Flammable Limits - Upper	12%		

Section 10 - Stability and Reactivity

Chemical Stability
The product is stable under normal ambient conditions of temperature and pressure.

Conditions to Avoid
Heat, direct sunlight, sparks, open flames or other sources of ignition. Avoid physical damage to aerosol can.

Incompatible Materials
Avoid contact with strong oxidising agents.

Hazardous Decomposition Products
May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.

Hazardous Polymerization
Not available.

Section 11 - Toxicological Information

Toxicology Information
No toxicity data is available for this specific product.

Ingestion
May be harmful. Ingestion may result in nausea, vomiting, abdominal pain and drowsiness with large quantities. Aspiration or inhalation may cause chemical pneumonitis and pulmonary oedema. Ingestion is considered unlikely due to product form.

Inhalation
Irritant - Mist or vapour can irritate the throat and lungs. High concentrations may cause nasal and respiratory irritation and central nervous system effects such as headache, dizziness and nausea. Intentional abuse may be harmful or fatal.

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

Eye
May be irritating to eyes. Contact may result in irritation, redness, itching and tearing.

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.

Delayed health effects from exposure
May be harmful - Irritant. This product may have the potential to cause adverse health effects if intentionally misused (e.g. deliberately inhaling contents). Use safe work practices to avoid eye or skin contact and vapour generation - inhalation. Over exposure may result in central nervous system (CNS) effects.

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
Aerosol containers should not be punctured or incinerated. Empty containers may be disposed of through normal waste management options. Dispose of waste product, absorbents and other materials in accordance with applicable Federal, EPA, State and Local Regulations. Assure conformity with all applicable regulations.

Section 14 - Transport Information

UN Number
1950

Proper Shipping Name
AEROSOLS

Transport Hazard Class
2.1

Hazchem Code
2Y

IERG Number
49

IATA UN Number
1950

IATA Proper Shipping Name
AEROSOLS

IATA Transport Hazard Class
2.1

IMDG UN Number
1950

IMDG Proper Shipping Name
AEROSOLS

IMDG Transport Hazard Class
2.1

Additional Information
Classified as a Dangerous Goods for transport (ADG, IMDG, IATA)

Regulation: ADG
UN Number: UN1950
Proper Shipping Name: Aerosols
Class Group: 2.1

Regulation: IMDG
UN Number: UN1950
Proper Shipping Name: Aerosols
Class Group: 2.1

Regulation: IATA
UN Number: UN1950
Proper Shipping Name: Aerosols
Class Group: 2.1

Section 15 - Regulatory Information

Poisons Schedule
Not Scheduled

Global Inventory Status

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

Section 16 - Any Other Relevant Information

Date of Preparation
SDS reviewed: 1 November 2023

Key Abbreviations or Acronyms Used
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/m^3: 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

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

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User Codes

User Title Label	User Codes
Wis Numbers	03966206

Other Information
Contact Person/Point:
Technical Contact Number: Ted Powell 0425 800 022

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END OF SDS