

B52

PENETRATING OIL

1. Product & Company Identification

Product Details

Product name: B-52 Penetrating Oil
 Physical form: Aerosol
 Odour: Characteristic Odour
 CAS No.: Mixture
 Flammability: Highly Inflammable

Company Details

Manufacturer: Mohm Chemical Sdn Bhd
 Address: No. 32, Jalan Temenggong, Off Jalan Tampoi,
 81100 Johor Bahru, Johor, Malaysia.
 Tel: + 60-7-3331222
 Fax: + 60-7-3320545/ + 60-7-3337919

2. Hazards Identification

Hazard Pictogram



Signal Word: Danger

Classification

Aspiration hazard	Category 1
Flammable aerosols	Category 1
Specific Target Organ Toxicity Single Exposure (Central nervous system)	Category 3
Gases Under Pressure	Liquefied gas

Hazard Statement

H223 - Flammable aerosol.
 H280 - Contains gas under pressure; may explode if heated.
 H304 - May be fatal if swallowed and enters airways.
 H336 - May cause drowsiness or dizziness.

Precautionary Statement – Prevention

P210 - Keep away from heat/sparks/open flames/hot surfaces. 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/ fume/ gas/ mist/ vapours/ spray.



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P410 + P403 - Protect from sunlight. Store in a well-ventilated place.

Precautionary Statement – Response

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P304 + P340 + P312 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Precautionary Statement – Storage

P405 Store locked up.

P410 + P403 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store in a well-ventilated place.

Precautionary Statement – Disposal

P501 Dispose of contents and container in accordance with local and national regulations

3. Composition / Hazardous Components

<u>Chemical Name</u>	<u>CAS No.</u>	<u>WT%</u>
Distillates (Petroleum), Hydrotreated Light	64742-47-8	< 50 %
Butane	106-97-8	< 40 %
Petroleum Base Oil	64742-65-0	< 20 %
Propane	74-98-6	< 20 %
Ethane	74-84-0	< 1 %
Non-Hazardous Rust Inhibitors	Mixture	< 1 %
Fragrance	Mixture	< 1%

4. First-aid Measures

In case of inhalation:	Remove to fresh air, if breathing is difficult, give oxygen.
In case of ingestion:	Seek medical attention immediately.
In case of skin contact:	Immediately clean with water and soap.
In case of eyes contact:	Immediately flush with water, seek medical advice if necessary.

5. Fire Fighting Measures

Flammability:	Highly inflammable.
Suitable extinguishing media:	Foam, CO ₂ , dry power.
Unsuitable extinguishing media:	Do not use water jet or flooding amounts of water. Burning product will float on the surface and spread fire.
Hazardous decomposition:	Carbon dioxide, smoke and fumes

6. Accidental release measures

Eliminate all sources of ignition and ventilate area. Wear appropriate protective clothing
Leaking cans should be placed in plastic bag or open pail until can pressure has dissipated.



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7. Handling and Storage

Handling:	Ensure good ventilation during processing
Protection against fire/explosion:	General rules of fire prevention should be observed.
Storage:	Keep container tightly closed and dry, do not expose to direct sunlight or keep nearby a heating source.

8. Exposure control / Personal protection

Components with workplace control parameters

Product	Type	Exposure Limit Values
Distillates (Petroleum), Hydrotreated Light	RCP-TWA	1,200 mg/m ³
Butane	TWA	1,900 mg/m ³
Propane	TWA	2,500 ppm

Engineering measures: Provide facilities to wash hands, eyes, and the body at the working place. Use in a well-ventilated area.

Personal protective equipment

Respiratory protection: None required if ventilation is adequate. If the occupational exposure limits are exceeded, wear a NIOSH approved respirator. Respirator selection and use should be based on contaminant type, form and concentration. Follow OSHA 1910.134, ANSI Z88.2 and good Industrial Hygiene practice.

Hand protection: Be sure to use appropriate hand protective equipment. Protective gloves

Eye protection: Be sure to use appropriate eye protective equipment. chemical safety goggles

Skin and body protection: Be sure to use appropriate personal protective equipment. Protective clothing (long-sleeved work clothes)

Hygiene measures: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Do not inhale this product.

Avoid all exposure to a person.

Do not get in eyes or mouth or on skin.

Do not eat, drink or smoke when using this product.

Contaminated work clothing should be disposed or be cleaned and reused, with appropriate way.

When disposing of contaminated protective equipment and work clothes, take appropriate measures to prevent contamination of the surrounding environment.

Wash face and hands thoroughly after handling.

9. Physical and Chemical Properties

Form:	Aerosol
Specific gravity:	0.80 ± 0.02
Colour:	colorless
Odour:	Characteristic Odour
Solubility in water:	Non
Boiling point:	NA



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Flash Point: 43°C Open cup
 Note: the above information is not intended for use in preparing specification

10. Stability and Reactivity

Chemical stability: Stable
 Conditions to be avoid: Direct sunlight or sources of ignition
 Dangerous reactions: Combustion
 Dangerous products of decomposition: Carbon dioxide, smoke and fumes

11. Toxicological Information

Acute toxicity: Harmful
 On the skin: May irritant for skin.
 On the eye: May cause irritant effect.
 Additional Toxicological information: Danger of serious damage to health by prolonged exposure.

12. Ecological Information

Complete information not yet available.

13. Disposal considerations

Aerosol containers should not be punctured, compacted in home trash compactors or incinerated. Empty containers may be disposed of through normal waste management options. Dispose of all waste product, absorbents, and other materials in accordance with applicable Federal, state and local regulations.

14. Transport Information

Road And Rail Transport

UN No: 1950
 Dangerous Goods Class: 2.1
 Packing Group: -
 Proper Shipping Name: AEROSOLS

Marine Transport

UN No: 1950
 Dangerous Goods Class: 2.1
 Packing Group: -
 Proper Shipping Name: AEROSOLS
 Ems: F-D, S-U

Air Transport

UN No: 1950



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Dangerous Goods Class: 2.1
Packing Group: -
Proper Shipping Name: AEROSOLS, FLAMMABLE

15. Regulatory Information

Complete information not yet available.

16. Other Information

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use and determine whether they are appropriate.

*** End of SDS ***

