



SAFETY DATA SHEET

PENETRATING OIL

Version 3.0

Date of Issue: 28.2.2017

Section 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	Penetrating Oil
Product Code	752
Product Uses	Lubrication, water displacement, corrosion prevention and protection
Company Name	Lubrimaxx Pty Ltd (ABN 2500 685 0415)
Address	30 Spencer St, Sunshine West, VIC 3020
Telephone Number	(03) 9300 6900
Fax Number	(03) 9312 3239
Emergency Tel.	Australia- 1 300 72300 Malaysia- + 603 55112346
Internet Website:	www.lubrimaxx.com

Section 2. HAZARDS IDENTIFICATION

This material is considered to be hazardous according to regulations.

GHS Classification

Flammable Aerosols - Category 1
Aspiration Hazard - Category 1
Gases Under Pressure - Liquefied Gas
Skin Corrosion/Irritation - Category 2

GHS element, including precautionary statements

Symbol:



Signal Word: Danger

Hazard statement:

H225 Extremely flammable aerosols
H280 Contains gas under pressure; may explode if heated
H315 Causes skin irritation.
H304 May be fatal if swallowed and entered airways



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Precautionary & Prevention Statements

P102 Keep out of reach of children
P103 Read label before use
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.
P264 Wash affected area thoroughly after handling
P280 Wear protective gloves

Response

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician
P302+P352 IF ON SKIN: Wash with plenty of soap and water
P331 Do NOT induce vomiting
P332+P313 If skin irritation occurs: Get medical advice/ attention
P362 Take off contaminated clothing and wash before use

Storage

P405 Store locked up
P410+ P412 Protect from sunlight. Do not expose to temperatures exceeding 50 Deg C/122 Deg F

Disposal

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

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Name	CAS Number	Proportion (%)
Propane Butane Blend	68475-59-2	<35
White Spirit	1984-06-1	>60
Butyl Glycol Ether	107-21-1	>5



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Section 4. FIRST AID MEASURES

Description of necessary first aid measures

Inhalation: Remove the source of contamination, vapor, dust, spray or fumes or move the victim to fresh air. If symptoms develop seek medical attention.

Ingestion: Do not induce vomiting. Seek immediate attention. For advice, contact Poisons Information Centre (Phone 131126).

Skin Contact: If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a Doctor; or for 15 minutes and transport to Doctor or Hospital. For gross contamination, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water (and soap if material is insoluble). For skin burns, cover with a clean, dry dressing until medical help is available. If blistering occurs, do NOT break blisters. If swelling, redness, blistering, or irritation occurs seek medical assistance.

Eye contact: If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Ingestion: Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Immediately call Poisons Centre or Doctor.

Notes to physician: Treat symptomatically.

Section 5. FIRE FIGHTING MEASURES

Hazchem code: 2YE

Suitable extinguishing media: If material is involved in a fire use water fog, alcohol resistant foam, standard foam or dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May form flammable vapour mixtures with air. Flameproof equipment necessary in area where this chemical is being used. Nearby equipment must be earthed. Electrical requirements for work area should be assessed according to AS3000. Vapour may travel a considerable distance to source of ignition and flash back. Avoid all ignition sources. All



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potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc) must be eliminated both in and near the work area. Do NOT smoke.

Fire fighting further advice: Heating can cause expansion or decomposition leading to violent rupture of containers. If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning or decomposing may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion or decomposition.

Section 6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Increase ventilation to assist dispersion

LARGE SPILLS

If safe to do so, shut off all possible sources of ignition. Clear area of all unprotected personnel.

Dangerous Goods Initial Emergency Response Guide No: 49

Section 7. HANDLING AND STORAGE

Handling: Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition.

Store locked up. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks.

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National occupational exposure limits: No value assign for this specific material by Safe Work Australia

Engineering Measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards.



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Personal Protection Equipment: SAFETY SHOES, OVERALLS, GLOVES, CHEMICAL GOGGLES, RESPIRATOR.

Wear safety shoes, overalls, gloves, chemical goggles, respirator. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light amber liquid
Odour	Solvent
Odour Threshold	Not available
Density	0.8 - 0.85g/mL@15 ⁰ C
Viscosity (kinematic)	Not available
Boiling Point	Not available
Melting Point	Not available
Flash point	50 ⁰ C
pH Value	Not available
Evaporation rate	Not available
Flammability Limit	1-5.6%
Auto ignition temperature	Not available
Pour Point	Not available
Vapour pressure	Not available
Vapour density	Not available
Decomposition temperature	Not available
Solubility in water	Non soluble in water
Partition coefficient	Not available
Biodegradability	Not classified as biodegradable

Section 10. STABILITY AND REACTIVITY



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Reactivity: No dangerous reaction known under conditions of normal use

Chemical Stability: Stable under normal conditions of storage and handling.

Possibility of hazardous reactions: No known hazardous reactions.

Conditions to avoid: Elevated temperatures and sources of ignition

Hazardous decomposition products: Oxides of Carbon and Nitrogen, smoke and other toxic fumes

11. TOXICOLOGICAL INFORMATION

Delayed and immediate effects and also chronic effects from short and long term exposure

Acute toxicity

Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Skin contact: Contact with skin may result in irritation. Liquid splashes or spray may cause freeze burns.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract. May cause lung damage if swallowed. Small amounts of liquid aspirated into the respiratory system during ingestion or vomiting may cause bronchopneumonia or pulmonary oedema.

Eye contact: May be an eye irritant. Liquid splashes or spray may cause freeze burns to the eye.

Acute toxicity Inhalation: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >20,000 ppm

Corrosion/Irritancy:

Eye: this material has been classified as not corrosive or irritating to eyes.

Skin: this material has been classified as corrosive or irritating to skin - Category 2

Sensitisation:

Inhalation: this material has been classified as not a respiratory sensitiser.

Skin: this material has been classified as not a skin sensitiser.

Aspiration hazard: This material has been classified as Aspiration Hazard - Category 1

Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

Chronic Toxicity Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.



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Section 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Long-term aquatic hazard: This material has been classified as a non-hazardous.

Ecotoxicity: No information available.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility: No information available.

Section 13. DISPOSAL CONSIDERATIONS

Disposal method: In accordance with government regulations for the disposal of special waste. Always consider the recycling the product.

Contact local council for correct disposal methods

Section 14. TRANSPORT INFORMATION

Classified as Dangerous Goods by Road, Rail and Sea.



IATA: Classified as Dangerous Goods

IMDG: Classified as Marine Pollutant

U.N Number 1950

U.N Proper Shipping Name AEROSOLS

Class 2.1

Subsidiary Risk Non allocated

Packing Group None

Marine Pollutant Yes

Hazchem Code 2(Y)E

Transport information: Classified as Dangerous Goods according to Australian Code for the Transport of Dangerous Goods by Road and Rail

Section 15. REGULATORY INFORMATION



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SUSMP : S5

Section 16. OTHER INFORMATION

Abbreviations and acronyms

ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail.

AICS: Australian Inventory of Chemical Substances.

CAS Number: Chemical Abstracts Service Registry Number.

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

HAZCHEM: An emergency action code of numbers and letters which gives information to emergency services.

HSIS: Hazardous Substances Information System

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods

NTP: National Toxicology Program (USA).

SWA: SafeWork Australia

SDS: Safety Data Sheet

TWA: Time Weighted Average.

UN Number: United Nations Number.

Literature References:

Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice (December 2011 – Safe Work Australia)

GHS Hazardous Chemical Information List (September 2014 – Safe Work Australia)

Guidance on the Classification of Hazardous Chemicals under the WHS Regulations. April 2012. Safe Work Australia.

Global Harmonized System of Classification and Labelling of Chemicals (GHS). Fifth revised edition.

“Australian Exposure Standards”

Australian Code For The Transport Of Dangerous Goods By Road And Rail – 7th Edition.

Standard for the Uniform Scheduling of Medicines and Poisons 2015.

Material Safety Data Sheets – individual raw materials – Suppliers.

HSIS – Hazardous Substance Information System – National Worksafe Data Base.

LABELLING OF WORKPLACE HAZARDOUS CHEMICALS, Code of Practice, DEC 2011

IMPLEMENTATION OF THE GLOBALLY HARMONISED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS) APRIL 2012

Disclaimer: It is believed that the information given in this bulletin is accurate at the issue date. It is offered in good faith, but without guarantee and without acceptance of



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responsibility for its accuracy.

Lubrimaxx pursues a policy of ongoing research and development aimed at product improvement and therefore may change the formulation, specification and characteristics of its products without notice.

It is the user's responsibility to verify the current formulation, specification or characteristics of a product, and to ascertain that it is suitable for an intended use or application.

****End of SDS****