



SAFETY DATA SHEET

Safety Solvent

Version 3.0

Date of Issue: 28.2.2017

Section 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	Safety Solvent
Product Code	047
Product Uses	Suitable for grease, oil removal
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 liquids - Category 4
Aspiration toxicant: Category 1
Skin corrosion/irritation - Category 2

GHS element, including precautionary statements

Symbol:



Signal Word: Warning

Hazard statement:

H304: May be fatal if swallowed and enters airways.
H227 - Combustible liquid
H315 - Causes skin irritation

Precaution statement

Prevention

P210	Keep away from heat/sparks/open flames/hot surfaces. -- No smoking
P264	Wash the effected area thoroughly after handling
P280	Wear protective gloves



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Response

P332 + P313	If skin irritation occurs: Get medical advice/attention
P302+ P352	IF ON SKIN: Wash with plenty of soap and water
P362	Take off contaminated clothing and wash before reuse
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P370+P378	In case of fire: Use water fog, foam, dry chemical or carbon dioxide (CO ₂) to extinguish.
P331	Do NOT induce vomiting

Storage

P405	Store locked up
P403+P235	Store in a well-ventilated place. Keep cool.

Disposal

P501	Dispose of content/container in accordance with government regulations for the disposal of special waste
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Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Product contains mixture of paraffinics hydrocarbon distillates and performance additives

Ingredients:

Name	CAS Number	Proportion (%)
Kerosene (petroleum)	64742-47-8	100

Listed ingredients may be below the cut-off concentrations for classification as hazardous, but are listed for information purposes and for additive effects.

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. Obtain medical attention if symptoms occur

Ingestion: Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water immediately. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek urgent medical advice (e.g. doctor).

Skin contact: Wash affected area thoroughly with soap and water. Immediately remove contaminated. If symptoms develop seek medical attention.

Eye contact: Immediately wash with copious amounts of water for at least 15 minutes. If symptoms persist seek medical attention.



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First Aid Facilities: Eye wash and normal wash room facilities.

Most important symptoms/effects, acute and delayed

Skin contact: Irritating to skin

Eye contact: May cause slight irritation

Inhalation: In case of exposure to intense concentrations of vapours, fumes or spray, transport the person away from contaminated zone, keep warm and allow to rest.

Ingestion: If swallowed accidentally, the product may enter the lungs due to its low viscosity and lead to the rapid development of very serious pulmonary lesions (medical survey during 48 hours) Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Abdominal pain. May cause central nervous system depression

Indication of immediate medical attention and special treatment, if necessary

Advice to Doctor: Treat symptomatically. All treatments should be based on observed signs and symptoms of distress of the patient. Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons.

Section 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Small fires -Dry chemical, Carbon dioxide, Alcohol-resistant foam

Large fires - Dry chemical, Carbon dioxide, water spray or alcohol-resistant foam

Specific hazard arising from the chemical: Depending on combustion conditions, a complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, will be evolved when this material undergoes combustion.

Special protective actions for fire-fighters: Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Non-emergency personnel: Wear appropriate protective equipment as in section 8 below to prevent skin and eye contamination. Remove of ignition sources and provision of sufficient ventilation.

Emergency Procedures: Personnel involved in clean up required to wear appropriate personal protective equipment and clothing to minimize exposure.

Environmental precaution: Isolate the spillage and prevent the material to enter drains, sewers, waterways and soil Dispose of waste according to federal, Environmental



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Protection Authority and state regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

Method and materials for containment and cleaning up: Use non-sparking handtools and explosionproof electrical equipment. Contain spillage, and then collect with non-combustible absorbent material, (e.g sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local regulations.

Section 7. HANDLING AND STORAGE

Precautions for Safe Handling: Wear appropriate protective equipment as in section 8. Use on,y in well- ventilated areas. Do not breathe vapors or spray mist.

WHILE MOVING THE PRODUCT: To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Do not allow splash loading and ensure that the product is poured slowly, particularly at the beginning of the operation.

OPERATE ONLY ON COLD AND DEGASSED TANKS IN VENTILATED PREMISES (TO AVOID RISK OF EXPLOSION).

Handle away from any source of ignition (open flame and sparks) and heat (hot manifolds or casings). Do not smoke

Use explosionproof electrical equipment Take precautionary measures against static discharges Do not use compressed air for filling, discharging or handling Design installations (machinery and equipment) to prevent burning product from spreading (tanks, retention systems, interceptors (traps) in drainage systems).

Conditions for Safe Storage: Design the installations in order to avoid accidental emissions of product (due to seal breakage, for example) onto hot casings or electrical contacts.

Storage installations should be designed with adequate bunds so as to prevent ground or water pollution in case of leaks or spills. Use explosionproof electrical equipment.

Keep in a bunded area. Keep in a dry, cool and well-ventilated place.

Keep away from open flames, hot surfaces and sources of ignition. Ground/bond containers, tanks and transfer/receiving equipment. Store at room temperature.

Keep containers tightly closed and properly labelled.

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards: The TWA National Occupational Health And Safety Commission (NOHSC) exposure standard for oil mist is 5 mg/m³. As with all chemicals, exposure should be kept to the lowest possible levels.

Engineering Controls: Use only in well ventilated areas.



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Eye Protection: Avoid contact with the eyes. Wear safety glasses or face shield to avoid eye contact or splashing.

Hand Protection: Avoid contact with skin. Impervious gloves recommended. Wear suitable protective clothing.

Body Protection: Not normally required. Where splashing is possible suitable work wear should be worn to protect personal clothing.

Respiratory protection: Do not breathe dust, fumes or vapor. Use approved respirator when exposed to concentration above the exposure limit.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid
Boiling Point	195-250 ⁰ C
Melting Point	No data available
Flash point	75 ⁰ C
Specific Gravity	0.8-0.83 at 15 ⁰ C
Flammability	Not available
Auto ignition temperature	225 ⁰ C
Kinematic Viscosity at 40 ⁰ C	1.64mm ² /s
Lower explosion limit	Not available
Upper explosion limit	Not available
Flammable limits in air	0.6 to 5.5%
Solubility in water	Insoluble

Section 10. STABILITY AND REACTIVITY

Reactivity: No dangerous reaction known under conditions of normal use

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

Possibility of hazardous reactions: None under normal processing

Conditions to avoid: Heat, direct sunlight, open flames or other sources of ignition.

Materials to avoid: Strong oxidizing agents.

Hazardous decomposition products: Carbon monoxide, carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Information on the likely routes of exposures

Skin exposure: Irritation to skin.

Eye exposure: May cause slight eye irritation.



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

Acute toxicity:	0% of the mixture consists of ingredient(s) of unknown toxicity Oral 5,001.00 mg/kg Dermal 5,001.00 mg/kg
Skin corrosion/irritation :	Expected to be slightly irritating. Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis.
Serious eye damage/ eye irritation :	Expected to be slightly irritating. May result in respiratory disease
Respiratory/Skin sensitization :	May result in respiratory disease Not expected to be a skin sensitiser.
Carcinogenicity:	N/A
Germ cell mutagenicity :	Not considered an aspiration hazard.
Reproductive toxicity :	Not expected to be a hazard
Specific target organ toxicity single exposure :	N/A
Specific target organ toxicity repeated exposure :	N/A
Aspiration hazard :	N/A

Section 12. ECOLOGICAL INFORMATION

ECOTOXICITY

Material -- Not expected to be harmful to aquatic organisms.

Material -- Not expected to demonstrate chronic toxicity to aquatic organisms

MOBILITY IN SOIL: No data available.

PERSISTENCE AND DEGRADABILITY

Biodegradation: Not readily biodegradable..

Hydrolysis: Transformation due to hydrolysis not expected to be significant.

Photolysis: Transformation due to photolysis not expected to be significant.

Atmospheric Oxidation: Expected to degrade rapidly in air

BIOACCUMULATIVE POTENTIAL No data available

MOBILITY IN SOIL: No data available

OTHER ADVERSE EFFECTS: No adverse effects are expected.

OTHER ECOLOGICAL INFORMATION

VOC: Yes SECTION



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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

Not classified as Dangerous Goods by Road, Rail and Sea.

IATA: Not regulated

IMDG: Not regulated

U.N Number

UN9003

U.N Proper Shipping Name

SUBSTANCES WITH A FLASH-POINT
ABOVE 60°C AND NOT MORE THAN
100°C

Class

9

Subsidiary Risk

Not available

Packing Group

Not available

Marine Pollutant

No

Hazchem Code

Not available

Transport information: Not classified as Dangerous Goods according to Australian Code for the Transport of Dangerous Goods by Road, Rail and Sea.

Section 15. REGULATORY INFORMATION

Poisons Schedule: Not scheduled

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 Labeling of Chemicals

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

HSIS: Hazardous Substances Information System



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NTP: National Toxicology Program (USA).

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 responsibility for its accuracy.

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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****