



SAFETY DATA SHEET

SOLVENT CLEANER

Version 3.0

Date of Issue: 28.2.2017

Section 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	Solvent Cleaner
Product Code	049
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 3
Aspiration Hazard - Category 1
Skin Corrosion/ Irritation - Category 2
Serious Eye Damage - Category 2
Specific Target Organ Toxicity (Single Exposure) - Category 3 Narcotic Effects
Chronic Hazard to the Aquatic Environment - Category 2

GHS element, including precautionary statements

Symbol:



Signal Word: Danger

Hazard statement:

H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enter airways
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness



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H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

Prevention

P210 Keep away from heats/ sparks/open flames/ hot surfaces - Smoking
P233 Keep container tightly closed
P240 Ground/Bon container and receiving equipment
P241 Use explosion-proof electrical/ventilating/lighting
P242 Use only non-sparking tools
P243 Take precautionary measures against static discharge
P280 Wear protective gloves/eye protection/face protection/mask
P261 Avoid breathing dust/fume/gas/mist/vapours/spray
P264 Wash effected area thoroughly after handling
P271 Use only outdoors or in well ventilated area

Response

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P370+ P378 In case of fire: Use self contained breathing apparatus (SCBA) with a full face-piece for extinction
P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P302+P352 IF ON SKIN: Wash with plenty of soap and water
P321 Specific treatment
P332+P313 If skin irritation occurs: Get medical advice/attention
P362 Take off contaminated clothing and wash before reuse
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337+P313 If eye irritation persists: Get medical advice/attention
P304+P340 IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing
P312 Call a POISON CENTER or doctor/physician if you feel unwell

Storage

P403 + 235 Store in a well-ventilated place. Keep cool
P405 Store locked up
P233 Keep container tightly closed

Disposal

P501 Dispose of contents/container according to local authority

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS



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Ingredients:

Name	CAS Number	Proportion (%)
Kerosene (petroleum)	64742-47-8	100
Mixture of surfactants	N/A	0-10

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.

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.



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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 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 hand tools and explosion proof 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 vapours or spray mist.

WHILE MOVING THE PRODUCT: To avoid ignition of vapours 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



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or casings). Do not smoke

Use explosion proof 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 explosion proof electrical equipment. Keep in a bundled 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: No value assigned for this specific material by Safe work Australia

Engineering Controls: Use only in well ventilated areas.

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
Odour	Sweet
Odour Threshold	Not available
pH	Not available
Boiling Point	150°C
Melting Point	No applicable
Flash point	38°C Typical
Specific Gravity	0.79 at 15°C
Flammability	Not available



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Auto ignition temperature	Not available
Lower explosion limit	Not available
Upper explosion limit	Not available
Flammable limits	Not available
Solubility in water	Soluble
Biodegradability	Not classified as biodegradable

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: No known hazardous reactions.

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

Materials to avoid: Strong oxidizing agents and strong acid

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:	Data is not available
Skin corrosion/irritation :	This material has been classified as a Category 2 Hazard (reversible effects to skin)
Serious eye damage/ eye irritation :	This material has been classified as a Category 2 Hazard, can cause eye irritant
Respiratory/Skin sensitization :	Data is not available
Carcinogenicity:	Data is not available
Germ cell mutagenicity :	Data is not available
Reproductive toxicity :	Data is not available
Specific target organ toxicity single exposure :	Data is not available
Specific target organ toxicity repeated exposure :	Data is not available
Aspiration hazard :	Data is not available

Section 12. ECOLOGICAL INFORMATION

TOXICITY



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Acute aquatic hazard: this material has been classified as non-hazardous.

Long-term aquatic hazard: This material has been classified as a Category Chronic 2 Hazard. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): 1 - 10 mg/L, where the substance is not rapidly degradable and/or $BCF > 500$ and/or $\log K_{ow} > 4$.

PERSISTENCE AND DEGRADABILITY: No data available

BIOACCUMULATIVE POTENTIAL No data available

MOBILITY IN SOIL: No data 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: Not regulated

IMDG: Not regulated

U.N Number 1223

U.N Proper Shipping Name Kerosene

Class 3

Subsidiary Risk Non allocated

Packing Group III

Marine Pollutant No

Hazchem Code 3(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

Poisons Schedule: S5

Section 16. OTHER INFORMATION

Abbreviations and acronyms



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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

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.

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



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