



SAFETY DATA SHEET

FAST DRYING SOLVENT

Version 3.0

Date of Issue: 28.2.2017

Section 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

| | |
|-------------------|---|
| Product Name | Fast Drying Solvent |
| Product Code | 048 |
| 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 2
Aspiration Hazard - Category 1
Skin Corrosion/Irritation - Category 2
Toxic to Reproduction - Category 2
Specific Target Organ Toxicity (Single Exposure) - Category 3 Narcotic Effects
Specific Target Organ Toxicity (Repeated Exposure) - Category 2
Chronic Hazard to the Aquatic Environment - Category 2

GHS element, including precautionary statements

Symbol:



Signal Word: Danger

Hazard statement:

H225 Highly flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.



SAFETY DATA SHEET

FAST DRYING SOLVENT

Version 3.0

Date of Issue: 28.2.2017

H361 Suspected of damaging fertility or the unborn child .
H373 May cause damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.

Precautionary & Prevention Statements

P102 Keep out of reach of children.
P103 Read label before use.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical, ventilating, lighting and all other equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P260 Do not breathe dust, fume, gas, mist, vapours or spray.
P264 Wash hands, face and all exposed skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective clothing, gloves, eye/face protection and suitable respirator..

Response

P101 If medical advice is needed, have product container or label at hand.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
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.
P314 Get medical advice/attention if you feel unwell.
P331 Do NOT induce vomiting.
P362 Take off contaminated clothing and wash before reuse.

Storage

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

Disposal



SAFETY DATA SHEET

FAST DRYING SOLVENT

Version 3.0

Date of Issue: 28.2.2017

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 (%) |
|--|------------|----------------|
| Solvent naphta, petroleum, light aliphatic | 64742-89-8 | >60 |
| Hexane | 110-54-3 | <30 |
| Toluene | 108-88.3 | <5 |

Section 4. FIRST AID MEASURES

Description of necessary first aid measures

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

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: 3YE



SAFETY DATA SHEET

FAST DRYING SOLVENT

Version 3.0

Date of Issue: 28.2.2017

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

Specific hazards: Highly flammable liquid and vapour. 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 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. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

If safe to do so, shut off all possible sources of ignition. Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Use a spark-free shovel. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

Dangerous Goods Initial Emergency Response Guide No: 14

Section 7. HANDLING AND STORAGE



SAFETY DATA SHEET

FAST DRYING SOLVENT

Version 3.0

Date of Issue: 28.2.2017

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.

This material is classified as a Class 3 Flammable Liquid

Transport of Dangerous Goods by Road &

This material is a Scheduled Poison Schedule 5 (Caution) and must be stored, maintained and used in accordance with the relevant regulations.

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National occupational exposure limits:

| | TWA | | STEL | | NOTICES |
|----------------------------|-----|-------------------|------|-------------------|---------|
| | ppm | mg/m ³ | ppm | mg/m ³ | |
| Hexane (n-Hexane) 110-54-3 | 20 | 72 | - | - | - |
| Toluene 108-88-3 50 | 191 | 150 | 574 | | |

As published by Safe Work Australia.

TWA - The time-weighted average airborne concentration over an eight -hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight -hour workday.

Sk' Notice - absorption through the skin may be a significant source of exposure. The exposure standard is invalidated if such contact should occur.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. 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. If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Engineering Measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Use with local exhaust



SAFETY DATA SHEET

FAST DRYING SOLVENT

Version 3.0

Date of Issue: 28.2.2017

ventilation or while wearing appropriate respirator. Vapour heavier than air - prevent concentration in hollows or sumps. Do NOT enter confined spaces where vapour may have collected.

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 | Clear liquid |
| Odour | Sweet |
| Odour Threshold | Not available |
| Density | 0.685-0.72 g/mL@15 |
| Viscosity (kinematic) | Not available |
| Boiling Point | 66-115 ⁰ C |
| Melting Point | 150 ⁰ C |
| Flash point | Not available |
| pH Value | Not available |
| Evaporation rate | Not available |
| Flammability Limit | 1-7.5% |
| Auto ignition temperature | 350 ⁰ C |
| Pour Point | <-50 |
| Vapour pressure (20 | Not available |
| Vapour density | Not available |
| Decomposition temperature | Not available |
| Solubility in water | <0.1g/L in water. Miscible in hydrocarbon solvents |
| Partition coefficient | 4 (n-octanol/water) |
| Biodegradability | Soluble |



SAFETY DATA SHEET

FAST DRYING SOLVENT

Version 3.0

Date of Issue: 28.2.2017

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: 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: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >20 mg/L

Skin contact: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Ingestion: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

Corrosion/Irritancy: Eye: this material has been classified as not corrosive or irritating to eyes. Skin: this material has been classified as a Category 2 Hazard (reversible effects to skin).

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 a Category 3 Hazard. Exposure via inhalation may result in depression of the central nervous system.

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 a Category 2 Hazard.

Specific target organ toxicity (repeat exposure): This material has been classified as a Category 2 Hazard.

Exposure via inhalation may effect the central nervous system.



SAFETY DATA SHEET

FAST DRYING SOLVENT

Version 3.0

Date of Issue: 28.2.2017

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 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 Kow 4.

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 1268

U.N Proper Shipping Name PETROLEUM DISTILLATES, N.O.S. (SOLVENT NAPHTHA)

Class 3

Subsidiary Risk Non allocated

Packing Group II

Marine Pollutant Yes

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



SAFETY DATA SHEET

FAST DRYING SOLVENT

Version 3.0

Date of Issue: 28.2.2017

Section 15. REGULATORY INFORMATION

HSNO Group Standard: Additives, Process Chemicals and Raw Materials (Flammable)
Group Standard 2006:HSR002495

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)

The Stockholm Convention (Persistent Organic Pollutants)

The Rotterdam Convention (Prior Informed Consent)

This material is subject to the following international agreements:

Basel Convention (Hazardous Waste)

Organic solvents excluding halogenated solvents

International Convention for the Prevention of Pollution from Ships (MARPOL)

Annex II - Noxious Liquid Substances carried in Bulk

This material/constituent(s) is covered by the following requirements:

The *Standard for the Uniform Scheduling of Medicines and Poisons* (SUSMP) established under the Therapeutic Goods Act (Commonwealth).

All the constituents of this material are listed on the *Australian Inventory of Chemical Substances* (AICS).

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)



SAFETY DATA SHEET

FAST DRYING SOLVENT

Version 3.0

Date of Issue: 28.2.2017

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****