

Infosafe No™ VARFS	Issue Date : November 2024	ISSUED by MILESTON
Product Name SOLVENE		

Section 1 - Identification

Product Identifier	SOLVENE
Company Name	Milestone Chemicals Pty. Ltd. (ABN 85115166357)
Address	115 Northern Road West Heidelberg VIC 3081 AUSTRALIA
Telephone/Fax Number	Tel: (03) 9450 4555 Fax: (03) 9457 5518
Emergency Phone Number	(03) 9450 4555 Mon-Fri 8am - 6pm
Recommended use of the chemical and restrictions on use	Natural citrus solvent degreaser. Used for degreasing motors, engine parts, print rollers, industrial and automotive equipment. Removes tar, glue, protective coatings and print stains from most surfaces.

Section 2 - Hazard(s) Identification

GHS Classification of the Substance/Mixture	Flammable liquids: Category 3 Hazardous to the Aquatic Environment - Acute Hazard: Category 1 Hazardous to the Aquatic Environment - Long-Term Hazard: Category 1 Sensitisation - skin: Category 1 Skin corrosion/irritation: Category 2
Signal Word	WARNING
Hazard Statement (s)	H226 Flammable liquid and vapour. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H410 Very toxic to aquatic life with long lasting effects.
Pictogram (s)	Flame, Environment, Exclamation mark



Precautionary Statement – Prevention	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P243 Take action to prevent static discharges. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash contaminated skin thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280(f) Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement – Response	P302+P352 IF ON SKIN: Wash with plenty of water. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P370+P378 In case of fire: Use dry chemical, carbon dioxide or foam to extinguish. P391 Collect spillage.
Precautionary Statement – Storage	P403+P235 Store in a well-ventilated place. Keep cool.
Precautionary Statement – Disposal	P501 Dispose of contents/container: recycle packaging by replacing cap and returning clean containers to recycler or collection point.
Precautionary Statement – General	P102 Keep out of reach of children. P103 Read carefully and follow all instructions.

Section 3 - Composition and Information on Ingredients

Ingredients	Name	CAS	Proportion
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Infosafe No™ VARFS	Issue Date : November 2024	ISSUED by MILESTON
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Product Name **SOLVENE**

Distillates (petroleum), 64742-47-8	to 100%
hydrotreated light	
d - Limonene 5989-27-5	>90%

Section 4 - First Aid Measures

Inhalation	Remove victim to fresh air. Apply resuscitation if victim is not breathing - Administer oxygen if breathing is difficult.
Ingestion	Do NOT induce vomiting. Give a glass of water to be taken slowly. Seek medical assistance.
Skin	If irritation develops see a doctor.
Eye	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
First Aid Facilities	Eye wash, safety shower and normal wash room facilities.
Advice to Doctor	Treat symptomatically. Vomiting has not been induced because of risk of aspiration into the lungs. Contact Poisons Information Centre.

Section 5 - Firefighting Measures

Suitable Extinguishing Media	Use dry chemical, carbon dioxide or foam.
Hazards from Combustion Products	Decomposes on heating emitting oxides of carbon.
Special Protective Equipment for Firefighters	Self-contained breathing apparatus (SCBA) required for fire-fighting personnel.
Specific Methods	If possible to do so safely, shut off fuel to fire. Use water spray to spray to cool fire-exposed surfaces and to protect personnel. Avoid spreading burning liquid with water used for cooling fire exposed containers when using water spray, boil-over may occur when the product temperature reaches the boiling point of water. Vapours from this product may travel or be moved by air currents and be ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static discharge or other ignition sources at locations distant from the point of handling.
Specific Hazards Arising from the Chemical	Flammable liquid. Avoid all sources of ignition, heat and naked flames.
Hazchem Code	3[Y]

Section 6 - Accidental Release Measures

Emergency Procedures	Keep unnecessary people away; Isolate hazard area and deny entry. Stay upwind; Keep out of low areas. Do not walk or touch spilt material unless wearing personal protection as outlined under MSDS.
Methods and materials for containment and cleaning up	Shut off ignition sources, no flares, smoking or flames in hazard area. Stop leak if you can do it without risk. Water spray may reduce vapour; but it may not prevent ignition in closed spaces.
Clean-up Methods - Small Spillages	Take up with sand, dirt or vermiculite. DO NOT use sawdust. Use non-sparking tools or HEPA vacuum system. Place into labelled drum(s) for later disposal.
Clean-up Methods - Large Spillages	Notify Emergency Services (Police or Fire Brigade). Tell them exact location, nature, hazards, quantities, type of vehicle and any other information that would be helpful. Contain spill. Remove all ignition sources and safely stop flow of spill. Bund area. Trained personnel should wear Personal Protective equipment as highlighted in this MSDS. Blanket the spill with foam or use water fog to disperse vapour clouds. Consult an expert regarding disposal of this product.

Section 7 - Handling and Storage

Infosafe No™ VARFS	Issue Date : November 2024	ISSUED by MILESTON
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Conditions for safe storage, including any incompatibilities Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition, strong alkalis, acids, combustibles and oxidizing agents. All equipment must be earthed. Store in original packages as approved by manufacturer. For further information please refer to the Engineering Controls of this MSDS.

Section 8 - Exposure Controls and Personal Protection

Other Exposure Information TLV-TWA: None assigned by Worksafe Australia
TLV_STEL: None assigned by Worksafe Australia

Engineering Controls Flammable liquid. Maintain adequate ventilation at all times. Prevent accumulation of vapours in hollows or sumps. Eliminate any sources of ignition. Elevated temperature or mechanical action may form vapours, mists or fumes which may require local exhaust ventilation systems.

Personal Protective Equipment Avoid contact with the skin and eyes. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-
Goggles or faceshield
Gloves, rubber, plastic, nitrile, neoprene or PVC
Plastic apron, sleeves and boots

Avoid breathing of vapours/gases. Select and use respirators in accordance with AS/NZS 1715/1716. When vapours/gases exceed the exposure standards then the use of a half-face respirator with organic vapour cartridge is recommended. For high concentration use an atmosphere-supplied, positive pressure demand self-contained or airline breathing apparatus, complying with the requirements of AS/NZS 1715 is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended. Always maintain a high level of personal hygiene when using this product. That is wash hands before eating, drinking, smoking or using the toilet.

Section 9 - Physical and Chemical Properties

Form Liquid

Appearance Clear water white liquid

Odour Citrus

Melting Point No data

Solubility in Water Insoluble

Specific Gravity 0.8

Vapour Pressure No data

Flash Point 53C

Flammability Flammable liquid

Section 10 - Stability and Reactivity

Chemical Stability Stable under normal use conditons.

Conditions to Avoid Heat, flames, ignition sources and incompatibles.

Incompatible Materials Chlorates, perchlorates, chromates, dichromates, nitrates and other oxidizing agents.

Hazardous Decomposition Products Emits smoke and fumes when heated to decomposition.

Section 11 - Toxicological Information

Acute Toxicity - Oral LD 50 : d-Limonene 4,400 mg/kg oral, rat

Infosafe No™ VARFS	Issue Date : November 2024	ISSUED by MILESTON
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Product Name **SOLVENE**

Ingestion	Harmful if swallowed. Vomiting, may cause this product to be aspirated into the lungs, which may lead to chemical pneumonitis.
Inhalation	May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache and loss of co-ordination.
Skin	Will cause irritation to the skin, with effects including; Redness, itchiness, and possible dermatitis.
Eye	May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.
Chronic Effects	Prolonged or repeated skin contact may lead to dermatitis. Prolonged or repeated exposure or deliberately concentrating and inhaling the vapour(s) may result in lung function incapacity or death. Some individuals may become sensitised to d-limonene.

Section 12 - Ecological Information

Ecotoxicity	In large concentrations this product may be detrimental to the environment.
Persistence and Degradability	Inherently biodegradable.
Mobility	Solvent that is carried by water rather than diluted by it.
Environmental Fate	This substance may cause long term adverse effects in the aquatic environment. This substance may cause long term adverse effects in the environment.
Environmental Protection	Avoid contaminating waterways, drains, sewers, or ground.

Section 13 - Disposal Considerations

Waste Disposal	Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Normally suitable for disposal by approved waste disposal agent.
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Section 14 - Transport Information

Transport Information	Classified as a Class 3 Dangerous Good. Dangerous Goods of Class 3 Flammable Liquids, are incompatible in a placard load with any of the following: - Class 1, Class 2.1, if both the Class 3 and Class 2.1, dangerous goods are in bulk, Class 2.3, Class 4.2, Class 5, Class 6, if the Class 3 dangerous goods are nitromethane and Class 7.
ADG UN Number	2319
ADG Proper Shipping Name	TERPENE HYDROCARBONS, N.O.S.
ADG Transport Hazard Class	3
ADG Packing Group	III
Hazchem Code	3[Y]
EPG Number	3A1
IERG Number	15

Section 15 - Regulatory Information

Poisons Schedule	S5
Australia (AICS/AIC)	All components listed.

Section 16 - Any Other Relevant Information

Date of Preparation	10/11/2024
Literature References	Preparation of Safety Data Sheets for hazardous Chemicals Code of Practice Standard for the Uniform Scheduling of Medicines and Poisons Australian Code for the Transport of Dangerous Goods by Road & Rail Globally Harmonised System of classification and labelling of chemicals GHS7

Infosafe No™ VARFS	Issue Date : November 2024	ISSUED by MILESTON
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Signature of Technical manager Tel: (03) 9450 4555

Preparer/Data Service

Technical Contact Numbers

Emergency Advice All Hours:
Chief Chemist Tel: (03) 9450 4555 Mon-Fri 8am - 6pm
Poisons Information Centre: 13 11 26 - 24hrs

Other Information

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below.
...End Of MSDS...

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