

Infosafe No™ LPY0S	Issue Date : January 2013	ISSUED by PARCHEMC
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 Product Name **SOLVENT 10**

Classified as hazardous

1. Identification

GHS Product Identifier	SOLVENT 10
Company Name	Parchem Construction Supplies Pty Ltd (ABN 80 069 961 968)
Address	7 Lucca Road Wyong NSW 2259 Australia
Telephone/Fax Number	Tel: 02 4350 5000 Fax: 02 4351 2024
Emergency phone number	1800 638 556 (available 24/7)
Recommended use of the chemical and restrictions on use	A general purpose aromatic flammable solvent for cleaning equipment and thinning solvent based sealers.
Other Information	<p>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. Since Parchem Construction Supplies Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.</p> <p>If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.</p> <p>www.parchem.com.au</p>

2. Hazard Identification

GHS classification of the substance/mixture	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia. Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition) Flammable Liquids: Category 3 Acute Toxicity - Inhalation: Category 4 Acute Toxicity - Dermal: Category 4 Skin Corrosion/Irritation: Category 2
Signal Word (s)	Warning
Hazard Statement (s)	H226: Flammable liquid and vapour. H312: Harmful in contact with skin. H332: Harmful if inhaled. H315: Causes skin irritation.
Pictogram (s)	Flame, Exclamation mark



Precautionary statement – Prevention	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/equipment. P242: Use only non-sparking tools. P243: Take precautionary measures against static discharge. P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P264: Wash skin thoroughly after handling. P271: Use only outdoors or in a well-ventilated area. P280b: Wear protective gloves/eye protection/face protection.
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Precautionary statement – Response	GENERAL: P271: Use only outdoors or in a well-ventilated area. P370+P378: In case of fire: Use carbon dioxide, dry chemical, foam, water mist or water spray to extinguish. P312: Call a POISON CENTER/doctor if you feel unwell. SKIN: 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/shower. P332+P313: If skin irritation occurs: Get medical advice/attention. P362+P364: Take off contaminated clothing and wash it before reuse. INHALATION: P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P403+P235: Store in a well-ventilated place. Keep cool.
Precautionary statement – Storage	
Precautionary statement – Disposal	P501 Dispose of contents/container to an approved waste disposal plant.

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Xylene	1330-20-7	60-100 %
	Ethyl benzene	100-41-4	10-<=30 %

4. First-aid measures

Inhalation	If inhaled, remove affected person from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.
Ingestion	Do not induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek medical attention.
Skin	Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. Seek medical attention.
Eye contact	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and persist seek medical attention.
First Aid Facilities	Eye wash, safety shower and normal washroom facilities.
Advice to Doctor	Treat symptomatically.
Other Information	For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126) or a doctor at once.

5. Fire-fighting measures

Suitable extinguishing media	Use carbon dioxide, dry chemical, foam, water mist or water spray.
Unsuitable Extinguishing Media	DO NOT USE water jets.
Hazards from Combustion Products	Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
Specific hazards arising from the chemical	Flammable liquid and vapour. Vapour/air mixtures may ignite explosively. Flashback along the vapour trail may occur. Runoff to sewer may create fire or explosion hazard.
Hazchem Code	3Y
Decomposition Temp.	Not available
Precautions in connection with Fire	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

6. Accidental release measures

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Emergency Procedures Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

7. Handling and storage

Precautions for Safe Handling Avoid contact with skin and eyes. Wear overalls, impervious gloves and safety glasses. Use in designated areas with adequate ventilation. Use approved flammable liquid storage containers in the work area. Prevent release of vapours and mists into workplace air. Keep containers closed when not in use. Take precautionary measures against static discharges. Keep material away from sparks, flames and other ignition sources. Do not empty into drains. Ensure a high level of personal hygiene is maintained when using this product, that is, always wash hands before eating, drinking, smoking or using the toilet facilities.

Conditions for safe storage, including any incompatibilities Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all applicable local and national regulations.

8. Exposure controls/personal protection

Occupational exposure limit values No exposure value assigned for this specific material by the Safe Work, Australia. However, the available exposure limits for ingredients are listed below:

Substance	TWA		STEL		NOTICES
	ppm	mg/m ³	ppm	mg/m ³	
Xylene	80	350	150	655	-
Ethyl benzene	100	434	125	543	-

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

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.

Biological Limit Values Biological Exposure Indices (BEI) from American Conference of Industrial Hygienists (ACGIH) for ingredients are as follows:

Determinant	Sampling Time	Biological Exposure
Indice (BEI)		
XYLENE [1330-20-7]		
Methylhippuric acids in urine	End of shift shift of work week	1.5mg/g creatinine
ETHYL BENZENE [100-41-4]		
Sum of mandelic acid and phenylglyoxylic acid in urine	End of shift at end of work week	0.7 g/g creatinine

Appropriate engineering controls Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is required. Refer to AS 1940 - The storage and handling of flammable and combustible liquids and AS/NZS 60079.10.1:2009 Explosive atmospheres - Classification of areas - Explosive gas atmospheres, for further information concerning ventilation requirements.

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Respiratory Protection	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable organic vapour filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.
Eye Protection	Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
Hand Protection	Wear gloves of impervious material, such as laminated film or nitrile. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
Body Protection	Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

9. Physical and chemical properties

Appearance	Colourless liquid
Odour	Aromatic odour
Decomposition Temperature	Not available
Melting Point	>-48°C
Boiling Point	136°C-145°C
Solubility in Water	0.175 kg/m ³ (insoluble)
Specific Gravity	0.87 (23°C)
pH	Not available
Vapour Pressure	0.2 kPa at 0°C 0.8-1.2 kPa at 20°C 4.5 kPa at 50°C
Vapour Density (Air=1)	3.7
Evaporation Rate	0.76 (ASTM D3539) 13.5 (DIN 53170)
Odour Threshold	0.27 ppm
Partition Coefficient: n-octanol/water	3.12-3.2
Density	870 kg/m ³ (15°C) (ASTM D-1298)
Surface Tension	28.7 mN/m (20°C) (ASTM D-971)
Flash Point	23°C-27°C (Abel)
Flammability	Flammable
Auto-Ignition Temperature	432°C-530°C (ASTM E-659)
Flammable Limits - Lower	1.0% v/v
Flammable Limits - Upper	7.1% v/v
Kinematic Viscosity	<0.9 mm ² /s (20°C)

10. Stability and reactivity

Chemical Stability	Stable under normal conditions of storage and handling.
Conditions to Avoid	Heat, flames and other ignition sources.

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Incompatible Materials	Strong oxidising agents.
Hazardous Decomposition Products	Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
Hazardous Polymerization	Will not occur.

11. Toxicological Information

Toxicology Information	No toxicology data available for this product.
Ingestion	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Inhalation	Harmful by inhalation. Inhalation of product vapours can cause irritation of the nose, throat and respiratory system. High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea. Continued inhalation may result in unconsciousness and/or death.
Skin	Irritating to skin. Skin contact will cause redness, itching and swelling. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis.
Eye	Harmful in contact with skin. Product can be absorbed through skin with resultant harmful systemic effects. May be irritating to eyes. The symptoms may include redness, itching and tearing.
Respiratory sensitisation	Not expected to be a respiratory sensitiser.
Skin Sensitisation	Not expected to be a skin sensitiser.
Germ cell mutagenicity	Not considered to be a mutagenic hazard.
Carcinogenicity	Not considered to be a carcinogenic hazard.
Reproductive Toxicity	Not considered to be toxic to reproduction.
STOT-single exposure	Not expected to cause damage to organs.
STOT-repeated exposure	Not expected to cause damage to organs.
Aspiration Hazard	Not expected to be an aspiration hazard.

12. Ecological information

Ecotoxicity	No ecological data are available for this material.
Persistence and degradability	Readily biodegradable.
Mobility	If product enters soil, it will be highly mobile and may contaminate groundwater.
Bioaccumulative Potential	Does not bioaccumulate significantly.
Environmental Protection	Prevent this material entering waterways, drains and sewers.

13. Disposal considerations

Disposal Considerations	Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations.
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14. Transport information

Transport Information	This material is a Class 3 - Flammable Liquid according to The Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition) Class 3 - Flammable Liquids are incompatible in a placard load with any of the following:
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- Class 1, Explosives
- Division 2.1, Flammable Gases, (Division 2.1 and Class 3 are incompatible in transport if both are in tanks or other receptacles with a capacity individually exceeding 500 L.)
- Division 2.3, Toxic Gases
- Division 4.2 Spontaneously Combustible Substances
- Division 5.1 Oxidising Agents and Division 5.2, Organic Peroxides
- Class 6 Toxic or Infectious Substances (where the flammable liquid is nitromethane)
- Class 7 Radioactive Substances.

Marine Transport (IMO/IMDG):

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN No.: 1307

Proper Shipping Name: XYLENES

DG Class: 3

Packaging Group: III

EMS No.: F-E, S-D

Special provisions: 223

Air Transport (ICAO/IATA):

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No: 1307

Proper Shipping Name: : Xylenes

Class: 3

Packing Group: III

Label: Miscellaneous

Packing Instruction: 355 (For passenger and cargo aircraft)

Packing Instruction: 366 (For cargo aircraft only)

Special provisions: A3

1307

U.N. Number
UN proper shipping name XYLENES

Transport hazard class(es) 3

Hazchem Code 3Y

Packing Group III

EPG Number 3A1

IERG Number 16

IMDG Marine pollutant No

15. Regulatory information

Regulatory Information Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule S6

AICS (Australia) All components of this product are listed on the Australian Inventory of Chemical Substances (AICS) or exempted.

16. Other Information

Date of preparation or last revision of SDS SDS Reviewed: January 2013
Supersedes: February 2009

Contact Person/Point Technical Support: 1800 812 864

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