

Infosafe No™ LPX7K	Issue Date : January 2013	ISSUED by PARCHEMN
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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 0800 154 666 (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 Distributed in New Zealand by:
Concrete Plus
23 Watts Road
Sockburn
New Zealand
Tel: (03) 343 0090
Fax: (03) 343 0202

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.

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.

www.parchem.co.nz

2. Hazard Identification

GHS classification of the substance/mixture Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.
Classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.
HSNO Classification:
3.1C - Flammable liquids: medium hazard
6.1D - Substance that is acutely toxic (Inhalation - vapours, dusts or mists)
6.1D - Substance that is acutely toxic (Dermal)
6.1D - Substance that is acutely toxic (Oral)
6.3A - Substance that is irritating to the skin
6.4A - Substance that is irritating to the eyes
6.7B - Substance that is a suspected human carcinogen
6.8B - Substance that is suspected to be a human reproductive or developmental toxicant
6.9B - Substance that is harmful to human target organs or systems (Repeated exposure)
9.1D - Substance that is slightly harmful to the aquatic environment or is otherwise designed for biocidal action
9.2D - Substance that is slightly harmful in the soil environment
9.3C - Substance that is harmful to terrestrial vertebrates

Signal Word (s) Warning

Hazard Statement (s) H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H315 Causes skin irritation.

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H319 Causes serious eye irritation.
 H332 Harmful if inhaled.
 H351 Suspected of causing cancer.
 H361 Suspected of damaging fertility or the unborn child.
 H373 May cause damage to organs through prolonged or repeated exposure (by ingestion, by inhalation).
 H401 Toxic to aquatic life.
 H423 Harmful to the soil environment.
 H433 Harmful to terrestrial vertebrates.
 Flame, Exclamation mark, Health hazard

Pictogram (s)

Precautionary statement – Prevention

P102 Keep out of reach of children. -This statement applies only where the substance is available to the general public.
 P103 Read label before use. -This statement applies only where the substance is available to the general public.
 P104 Read Safety Data Sheet 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 equipment.
 P242 Use only non-sparking tools.
 P243 Take precautionary measures against static discharge.
 P261 Avoid breathing gas/mist/vapours/spray.
 P264 Wash skin thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P271 Use only outdoors or in a well-ventilated area.
 P273 Avoid release to the environment. -This statement does not apply where this is the intended use.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response

GENERAL:
 P101 If medical advice is needed, have product container or label at hand. -This statement applies only where the substance is available to the general public.
 P310 Immediately call a POISON CENTER or doctor/physician.
 P391 Collect spillage.
 P370+P378 In case of fire: Use foam, carbon dioxide or dry chemical powder for extinction.

INGESTION:
 P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P330 Rinse mouth.
 P331 Do NOT induce vomiting.

INHALATION:
 P304+P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
 P308+P313 IF exposed or concerned: Get medical advice/ attention.

EYES:
 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.

SKIN:
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P332+P313 If skin irritation occurs: Get medical advice/ attention.
 P362 Take off contaminated clothing and wash before re-use.

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Precautionary statement – Storage	P405 Store locked up. P403+P235 Store in a well-ventilated place. Keep cool.
Precautionary statement – Disposal	P501 In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided. See Section 13 for disposal details.

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. Seek immediate medical attention.
Skin	Remove contaminated clothing. Wash affected area thoroughly with soap and water. Wash contaminated clothing before re-use 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. Seek immediate 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 New Zealand 0800 POISON / 0800 764 766) or a doctor at once.

5. Fire-fighting measures

Suitable extinguishing media	Use carbon dioxide, dry chemical or foam.
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

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.
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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 New Zealand Department of Labour. However, the available exposure limits for ingredients are listed below:

New Zealand Occupational Safety and Health Service (OSH) Workplace Exposure Standards:

Substance	TWA		STEL		NOTICES
	ppm	mg/m ³	ppm	mg/m ³	
Xylene	50	217	-	-	-
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: <table border="0" style="width:100%;"> <tr> <td style="width: 30%;">Determinant</td> <td style="width: 40%;">Sampling Time</td> <td style="width: 30%;">Biological Exposure</td> </tr> <tr> <td>Indice (BEI)</td> <td></td> <td></td> </tr> <tr> <td>XYLENE [1330-20-7]</td> <td></td> <td></td> </tr> <tr> <td>Methylhippuric acids in urine</td> <td>End of shift shift of work week</td> <td>1.5mg/g creatinine</td> </tr> <tr> <td>ETHYL BENZENE [100-41-4]</td> <td></td> <td></td> </tr> <tr> <td>Sum of mandelic acid and phenylglyoxylic acid in urine</td> <td>End of shift at end of work week</td> <td>0.7 g/g creatinine</td> </tr> </table>	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
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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.

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

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Hand Protection	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. 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)
Solubility in Organic Solvents	Miscible
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	432-530°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.
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.

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Hazardous Polymerization	Will not occur.
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11. Toxicological Information

Toxicology Information	No toxicology data available for this product.
Ingestion	Harmful if swallowed. Ingestion of this product may cause irritation to the mouth, throat, oesophagus and stomach with symptoms of nausea, abdominal discomfort, vomiting and diarrhoea.
Inhalation	Harmful if inhaled. Inhalation of product vapours can cause irritation of the nose, throat and respiratory system.
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. Irritating to eyes. On eye contact this product will cause tearing, stinging, blurred vision, and redness.
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	Suspected of causing cancer. Classified as a suspected human carcinogen.
Reproductive Toxicity	Suspected of damaging fertility or the unborn child.
STOT-single exposure	Not expected to cause damage to organs.
STOT-repeated exposure	May cause damage to organs through prolonged exposure by ingestion, by inhalation.
Aspiration Hazard	Not expected to be an aspiration hazard.

12. Ecological information

Ecotoxicity	Toxic to aquatic life. Harmful to the soil environment. Harmful to terrestrial vertebrates.
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	Do not discharge this material into waterways, drains and sewers.

13. Disposal considerations

Disposal Considerations	<p>Product Disposal:</p> <p>Product wastes are controlled wastes and should be disposed of in accordance with all applicable local and national regulations. This product can be disposed through a licensed commercial waste collection service. In this specific case the product is a solvent-based, flammable substance and therefore can be sent to an approved high temperature incineration plant for disposal. Large volumes may be re-distilled by solvent recovery contractors. Personal protective clothing and equipment as specified in Section 8 of this SDS must be worn during handling and disposal of this product. The ventilation requirements as specified in the same section must also be followed, and the precautions given in Section 7 of this SDS regarding handling must also be followed.</p> <p>Do not dispose into the sewerage system. Do not discharge into drains or watercourses or dispose where ground or surface waters may be affected. In New Zealand, the disposal agency or contractor must comply with the New Zealand Hazardous Substances (Disposal) Regulations 2001. Further details</p>
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regarding disposal can be obtained on the EPA New Zealand website under specific group standards.

Container Disposal:

The container or packaging must be cleaned and rendered incapable of holding any substance. It can then be disposed of in a manner consistent with that of the substance it contained. In this instance the packaging can be disposed through a commercial waste collection service.

Alternatively, the container or packaging can be recycled if the hazardous residues have been thoroughly cleaned or rendered non-hazardous.

In New Zealand, the packaging (that may or may not hold any residual substance) that is lawfully disposed of by householders or other consumers through a public or commercial waste collection service is a means of compliance with regulations.

14. Transport information

Transport Information	<p>This material is classified as a Class 3 - Flammable Liquid according to NZS 5433:2007 Transport of Dangerous Goods on Land.</p> <p>Must not be loaded in the same freight container or on the same vehicle with:</p> <ul style="list-style-type: none"> - Class 1, Explosives - Division 2.1, Flammable gases - Division 2.3, Toxic gases - Division 4.2, Spontaneously combustible substances - Division 5.1, Oxidising substances - Division 5.2, Organic peroxides or - Class 7, Radioactive materials unless specifically exempted. <p>Must not be loaded with in the same freight container; and on the same vehicle must be separated horizontally by at least 3 metres unless all but one are packed in separate freight containers with:</p> <ul style="list-style-type: none"> - Division 4.3, Dangerous when wet substances <p>Goods of packing group II or III may be loaded in the same freight container or on the same vehicle if transported in segregation devices with:</p> <ul style="list-style-type: none"> - Division 4.2, Spontaneously combustible substances - Division 4.3, Dangerous when wet substances - Division 5.1, Oxidising substances - Division 5.2, Organic peroxides <p>Marine Transport (IMO/IMDG):</p> <p>Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.</p> <p>UN No.: 1307</p> <p>Proper Shipping Name: XYLENES</p> <p>DG Class: 3</p> <p>Packaging Group: III</p> <p>EMS No.: F-E, S-D</p> <p>Special provisions: 223</p> <p>Air Transport (ICAO/IATA):</p> <p>Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.</p> <p>UN No: 1307</p> <p>Proper Shipping Name: : Xylenes</p> <p>Class: 3</p> <p>Packing Group: III</p> <p>Label: Miscellaneous</p> <p>Packing Instruction: 355 (For passenger and cargo aircraft)</p> <p>Packing Instruction: 366 (For cargo aircraft only)</p> <p>Special provisions: A3</p>
U.N. Number	1307
UN proper shipping name	XYLENES
Transport hazard class(es)	3
Hazchem Code	3Y

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Packing Group IIII
EPG Number 3A1
IERG Number 16
IMDG Marine pollutant No

15. Regulatory information

Regulatory Information Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.
All components of this product are listed on the New Zealand Inventory of Chemicals (NZIoC) or exempted.
Group Standard: Solvents (Flammable, Toxic [6.7]) Group Standard 2006
HSNO Approval Number HSR002652

16. Other Information

Date of preparation or last revision of SDS SDS Reviewed: January 2013
Supersedes: March 2008
Contact Person/Point Technical Support: 1800 812 864
...End Of MSDS...

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