

MATERIAL SAFETY DATA SHEET (MSDS)

XCELL Mineral Turpentine

XMT

Proper Shipping Name	Turpentine Substitute	Hazard Class	3
Recommended use	Industrial Chemical, Solvent, Paint Thinner	Packing Group	III
Company	Xcell Products NZ	UN No	1300
Address	71 Adams drive, Auckland New Zealand	Hazchem Code	3(Y)
		Subsidiary Risk	None
Telephone	+64 9 238 2389 [8.00 - 4.30 Mon to Fri]	Poisons Schedule	n/a
Fax	+64 9 238 2399		

Emergency Telephone +64 21 930 795 (24 hours emergency only)
National Poison Centre (24 hours): 0800 POISON (764 766)

Ingredients	Content*	CAS No
Aliphatic hydrocarbon, low aromatic content	High	64742-82-1
Aromatic hydrocarbon	Medium	64742-95-6
May contain: 1,2,4 - Trimethylbenzene	Medium	95-63-6
Mesitylene	Low	108-67-8
Propylbenzene and Isopropylbenzene (Cumene)	Low	98-82-8
Xylene, mixed isomers	Very Low	1330-20-7

*Content: High >60%, Medium 10 to 60%, Low 1 to 10%, Very Low <1%



Physical and chemical properties

Appearance	Clear colourless liquid	Solubility	Insoluble in water
Physical State	Liquid	% Volatiles	100
Odour	Solvent Odour	Vapour Pressure	Not available
Specific Gravity	0.81 – 0.82	Vapour Density	Not available
pH	n/a	Flash Point	41 C
Boiling Point	Typically 154- 192 C	Flammable Limits	n/a

Hazard identification

DANGER:

- Flammable liquid and vapour
- May be harmful if swallowed and enters airways
- Causes mild skin irritation
- Causes eye irritation
- May causes damage to organs through prolonged or repeated exposure
- Suspected of damaging fertility or the unborn
- Toxic to aquatic life

PREVENTION:

- Read label before use
- Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- Keep container tightly closed
- Ground/bond container and receiving equipment
- Use explosion-proof electrical /ventilating/lighting equipment
- Use only non-sparking tools
- Take precautionary measures against static discharge
- Keep out of reach of children
- Wash hands thoroughly after handling.
- Do not breathe fume/gas/vapours /spray.
- Do not eat, drink or smoke when using this product
- Avoid release to the environment
- Wear protective gloves and eye/face protection



First-aid measures

Eyes:	Immediately flush eyes with plenty of water for 15 minutes. If irritation persists, seek medical attention.
Skin:	Wash exposed area with mild soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.
Ingestion:	Do not Induce Vomiting. Get immediate medical attention. Begin artificial respiration if the victim is not breathing. Use mouth to nose rather than mouth to mouth. If vomiting occurs, keep head below hips to prevent aspiration.
Inhalation:	Remove victim from area of exposure. Seek medical attention if rapid recovery does not occur. Give artificial respiration if not breathing.
NOTES TO PHYSICIAN:	Treat according to symptoms. Gastric lavage may be indicated if ingested but protect airway as risk of aspiration into lungs with potential to cause chemical pneumonitis. Do not wait for symptoms to develop. General measures should be taken to control acidosis and maintain urine output.

**FOR FURTHER INFORMATION CONTACT (24 hours)
THE NATIONAL POISON CENTRE: 0800 POISON [764 766]**

Fire-fighting measures

Flash Point:	41°C
Auto ignition Temp:	>200°C
Flammable Limits in Air % by Volume:	n/a
Extinguishing Media:	Dry chemical, foam, or carbon dioxide or water fog.
Fire Fighting Instructions:	Proper respiratory equipment to protect against the hazardous effects of combustion products is recommended.
Unusual Fire and Explosion Hazards:	Vapour accumulations may flash and/or explode if ignited. Keep ignition sources, open flames, etc, away from those fumes.

Accidental release measures

Land Spills or Leaks:	<p>SMALL SPILL: Extinguish possible sources of ignition. Evacuate all unprotected personnel and ventilate area. Only personnel equipped with proper respiratory, skin/eye protection should enter spill area. Dike area to contain spill and clean up by absorbing on an inert absorbent or other means. Don't flush into sewers or natural waterways.</p> <p>LARGE SPILL: Contain material as described above and call the local fire or police department for immediate emergency assistance.</p>
Waste Disposal Method:	Dispose through licensed disposal company.



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Handling and storage

HANDLING	Open container slowly to relieve any pressure. Bond and ground all equipment when transferring from one vessel or container to another. This material can accumulate static charge by flow or agitation. Vapours can be ignited by static discharge. Use explosion proof equipment as directed by local fire codes.
STORAGE	Store unopened containers under cool, dry and ventilated conditions. Keep away from heat, sparks and flame.

Exposure controls and personal protection

Engineering Controls:	General (mechanical) room ventilation is considered satisfactory in enclosed spaces. Where explosive mixtures may be present, electrical systems safe for such locations must be used.									
Eye / Face Protection:	Wear safety glasses with side shields or goggles when handling this material.									
Body Protection:	PVC-coated gloves. Avoid skin contact. If skin contact or contamination of clothing is likely, protective clothing should be worn.									
Respiratory Protection:	Where concentrations in air may exceed the limits, it is recommended to use half-face filter mask to protect from over exposure by inhalation. A Type "A" filter material is considered suitable for this product.									
Exposure Limits:	<table><thead><tr><th></th><th>WES -TWA</th><th>WES-STEL</th></tr></thead><tbody><tr><td>White spirits(Stoddard solvent)</td><td>100ppm (525mg/m³)</td><td></td></tr><tr><td>Cumene (skin)</td><td>25ppm (125mg/m³)</td><td>75ppm (375mg/m³)</td></tr></tbody></table>		WES -TWA	WES-STEL	White spirits(Stoddard solvent)	100ppm (525mg/m ³)		Cumene (skin)	25ppm (125mg/m ³)	75ppm (375mg/m ³)
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Stability and reactivity

Stability of the substance:	Stable at room temperature
Conditions Contributing to Instability:	Exposure to excessive heat, open flames and sparks. Avoid conditions that favour the formation of excessive mists and/or fumes.
Incompatibility:	Sources of heat &/or ignition, oxidising agents, mineral acids, halogenated organic compounds
Hazardous Decomposition Products:	n/a
Conditions Contributing to Hazardous Polymerization:	n/a



Toxicological information

Inhalation:	This product may be irritating resulting in coughing, wheezing, choking or breathing difficulties. Exposure in large concentrations over an extended period of time will result in nervous system (CNS) depression with symptoms of headache, nausea and lack of co-ordination.
Ingestion:	Small amounts of liquid aspirated into the lungs during ingestion, or from vomiting, may cause chemical pneumonitis or pulmonary oedema. Ingesting any amount of this product will result in headaches, nausea, dizziness and tracheal burning.
Skin:	This product is irritating to the skin with prolonged exposure. It may result in dryness and cracking. Prolonged or repeated exposure may lead to dermatitis.
Eyes:	This product is irritating to eyes but will not permanently damage the eye tissue.
Chronic Effects:	This product may contain >0.1 – 1% of xylene (mixed isomers) as an impurity. ERMA have identified this substance with a hazardous classification of suspected of damaging fertility or the unborn child.

Ecological information

Aquatic Toxicity	Product contains components identified as being toxic in the aquatic environment with long lasting effects.
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Disposal considerations

Dispose through licensed disposal company

Regulatory information

HSNO Approval No:	HSR001482
Group Standard:	Solvent (Flammable)
HSNO Classes:	3.1C, 6.1E, 6.3B, 6.4A, 6.8B, 6.9B, 9.1B

Other information

New Zealand National Poison Information Centre (24 hours): 0800 POISON (764 766)
New Zealand Emergency Services: 111

For General Information contact:	Xcell Products NZ Phone: +64 9 238 2389 [8.00 am to 4.30pm – Mon to Fri] Fax: +64 9 238 2399
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