

MATERIAL SAFETY DATA SHEET (MSDS)

XCELL Solvent Degreaser

XSD

Proper Shipping Name	Turpentine Substitute	Hazard Class	3.1C
Recommended use	C12 Solvent Cleaner	Packing Group	III
Company	Xcell Products NZ	UN No	1300
Address	71 Adams drive, Auckland. New Zealand	Hazchem Code	3(Y)E
		Subsidiary Risk	9.1
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
White Spirits	High	8052-41-3
Oleylamine Ethoxylate	Low	2663-59-38

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

Physical and chemical properties

Appearance	Brown/ Clear Colourless	Solubility	Readily emulsifies
Physical State	Liquid	% Volatiles	90
Odour	Solvent Odour	Vapour Pressure	Not available
Specific Gravity	0.84	Vapour Density	Not available
pH	n/a	Flash Point	40 ⁰ C
Boiling Point		Flammable Limits	Not available

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Hazard identification

DANGER:

- Flammable liquid and vapour
- Harmful if swallowed
- Causes skin irritation
- Causes serious eye irritation
- May cause damage to organs through prolonged or repeated exposure
- 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. Get medical attention if irritation develops or persists.

Ingestion: Do not Induce Vomiting. Get immediate medical attention.

Inhalation: Remove victim from area of exposure. If unconscious, give oxygen.
Give artificial respiration if not breathing. Get immediate medical attention.

NOTES TO PHYSICIAN: Exposure to high concentrations of this material (e.g., in enclosed spaces or with deliberate abuse) may be associated with cardiac arrhythmias.

Epinephrine and other sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to this material. If sympathomimetic drugs are administered, observe for the development of cardiac arrhythmias.

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

Fire-fighting measures

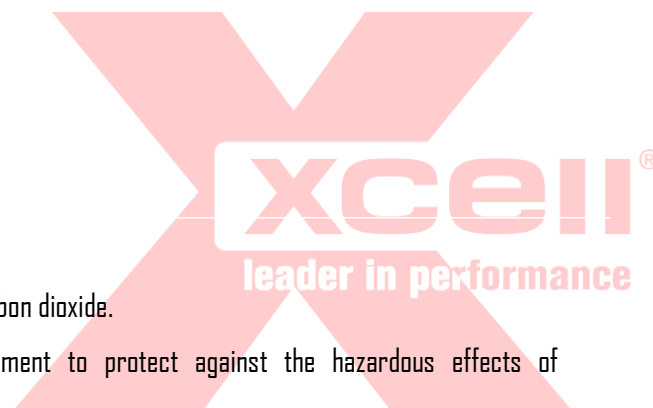
Flash Point: 40°C

Auto ignition temperature:

Flammable limits in Air % by Volume: Not available

Extinguishing media: Dry chemical, foam, or carbon dioxide.

Fire fighting instructions: Proper respiratory equipment to protect against the hazardous effects of



Unusual fire and explosion hazards:

combustion products is recommended. Water in a straight hose stream may cause fire to spread and should be used as a cooling medium only.

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:

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.

LARGE SPILL: Contain material as described above and call the local fire or police department for immediate emergency assistance.

Waste Disposal Method:

Dispose through licensed disposal company

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:

Use NIOSH/MSHA approved respirators.

Exposure Limits:

Not available

Stability and reactivity

Stability of the substance:

Stable

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:

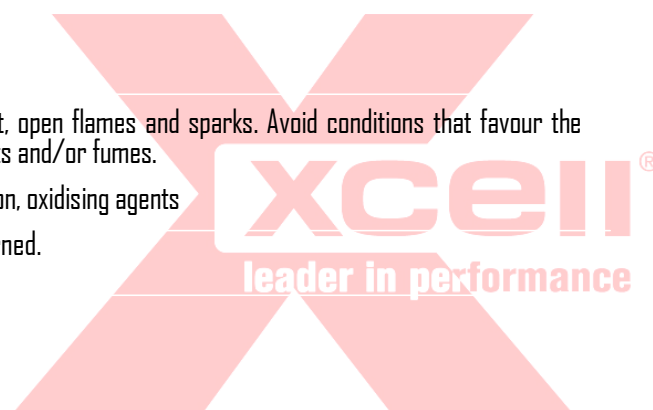
Sources of heat &/or ignition, oxidising agents

Hazardous decomposition products:

Oxides of carbon when burned.

Conditions contributing to hazardous polymerization:

Will not polymerise



Toxicological information

Inhalation:	SPECIES: Rat; ENDPOINT: LC50; VALUE: 18 g/m ³ /4h = 18 mg/L/4h
Ingestion:	SPECIES: Rat; ENDPOINT: LD50 ;VALUE: 3280 mg/kg
Skin:	SPECIES: Rabbit; RESULT: Moderate
Eyes:	SPECIES: Rabbit; RESULT: The test substance was applied at 0.1 ml to the conjunctival sac of one eye of each of 6 rabbits (sex not reported) Mild iritis was observed in most eyes at 1 hour; slight corneal opacity was observed in 2 eyes at 24 hours, and 1 eye at 48 hours. Moderate conjunctival irritation was present in most eyes at 1 and 24 hours, but was slight at 48 and 72 hours. All eyes were normal by 7 days.

Ecological information

9.1B (fish)	SPECIES: Pimephales promelas (fathead minnow); TYPE OF EXPOSURE: Flow through ;DURATION: 96 hr ;ENDPOINT: LC50 ;VALUE: 7.72 mg/l
9.1B (crustacean)	SPECIES: Cancer magister, Dungeness or edible crab TYPE OF EXPOSURE: Static; DURATION: 48 hr; ENDPOINT: LC50 (Mortality); VALUE: 17000 ug/L (= 17 mg/l)

Disposal considerations

Dispose through licensed disposal company

Regulatory information

HSNO Approval No:	HSR002528
Group Standard:	Cleaning Products (Flammable)
HSNO Classes:	3.1C, 6.1E, 6.3B, 6.4A, 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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