

# MATERIAL SAFETY DATA SHEET (MSDS)

## XCELL Brake & Parts Cleaner

**XBPC**

<b>Proper Shipping Name</b>	Flammable liquid, N.O.S.	<b>Hazard Class</b>	3
<b>Recommended use</b>	Brake Parts Cleaner	<b>Packing Group</b>	II
<b>Company</b>	Xcell Products NZ	<b>UN No</b>	1993
<b>Address</b>	71 Adams drive, Auckland. New Zealand	<b>Hazchem Code</b>	3(Y)E
		<b>Subsidiary Risk</b>	
<b>Telephone</b>	+64 9 238 2389 [8.00 - 4.30 Mon to Fri]	<b>Poisons Schedule</b>	n/a
<b>Fax</b>	+64 9 238 2399		

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

<b>Ingredients</b>	<b>Content*</b>	<b>CAS No</b>
Petroleum Naphtha Hydro-treated Light	High	64742-49-0
Ethylene Glycol Butyl Ether	Very Low	111-76-2
Nonyl Phenol Surfactant	Very Low	9016-45-9

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

Note: Manufacturer has provided full ingredient information for assessment

### Physical and chemical properties

<b>Appearance</b>	Light Blue / Clear Liquid	<b>Solubility</b>	Insoluble in water
<b>Physical State</b>	Liquid	<b>% Volatiles</b>	100%
<b>Odour</b>	Solvent Odour	<b>Vapour Pressure</b>	<35
<b>Specific Gravity</b>	0.70	<b>Vapour Density</b>	4.8
<b>pH</b>	n/a	<b>Flash Point</b>	-15° C
<b>Initial Boiling Point</b>	85° C	<b>Auto ignition Temp</b>	280° C
<b>Freezing Point</b>	n/a	<b>Flammable Limits in Air</b>	LEL 1.0% UEL 6.0% % by vol.

# Hazard identification

Considered a Hazardous Substance according to the criteria of the New Zealand hazardous substances new organisms legislation.

## DANGER:

- Highly flammable liquid and vapour
- May be harmful if swallowed
- Causes mild skin irritation
- Causes serious eye irritation
- Causes damage to organs through prolonged or repeated exposure
- Toxic to aquatic life with long lasting effects

## 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/vapours
- 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:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- Skin:** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/ attention.
- Ingestion:** If medical advice is needed, have product container or label at hand.  
Call a POISON CENTER or doctor/physician if you feel unwell.  
Do NOT induce vomiting.
- Inhalation:** Remove from contaminated area. Get medical advice/attention if you feel unwell.

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

# Fire-fighting measures

- Flash Point:** -15° C
- Auto ignition Temp:** 280° C
- Flammable Limits in Air % by Volume:** LEL 1.0% UEL 6.0%
- Extinguishing Media:** CO2, Dry Chemical or Foam. Water spray or Fog (for large fires only)
- Fire Fighting Instructions:** Full respiration equipment is advisable. Evacuate area.



**Unusual Fire and Explosion Hazards:**

Flammable liquid, can release vapours that form flammable mixtures at temperatures at or above the flashpoint. Static Discharge, material can accumulate static charges that can cause an incendiary electrical discharge. "Empty" containers retain product residue (liquid and/or vapour) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity or other sources of ignition; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of. Extremely flammable.

## Accidental release measures

- Land Spills or Leaks:** Eliminate ignition sources. Contain spill with inert material & place in recovery containers for disposal. Avoid release to the environment.
- Waste Disposal Method:** Dispose through Licensed Disposal Company

## Handling and storage

### HANDLING

- Eyes:** Safety glasses with a side shield or a full face shield should be worn.
- Gloves:** PVC Gauntlet gloves must be worn.
- Respiratory Protection:** If using in confined area, self contained breathing apparatus should be worn.
- Ventilation:** Ensure all ventilation equipment is flameproof.
- Other Clothing:** A plastic apron should be worn.

**STORAGE** Store in a well-ventilated place. Keep out of reach of children. Protect containers against physical damage and check regularly for leaks.

## Exposure controls and personal protection

- Engineering Controls:** Local exhaust ventilation usually required
- Eye / Face Protection:** Safety glasses with a side shield or a full-face shield should be worn
- Body Protection:** Overalls / PVC apron
- Respiratory Protection:** Self contained breathing apparatus required if using in a confined space
- Exposure Limits:** Not available

## Stability and reactivity

- Conditions contributing to instability:** Not available
- Incompatibility:** Sources of heat &/or ignition, oxidising agents
- Hazardous decomposition products:** Carbon dioxide & water
- Conditions contributing to Hazardous Polymerisation:** Will not polymerise



## Toxicological information

Inhalation:	The vapour is discomforting to the upper respiratory tract and lungs and may be harmful if inhaled. Dizziness & shortness of breath occur from mild poisoning.
Ingestion:	Nausea, vomiting & sweating with burns to the mouth & oesophagus may occur. Unconsciousness may follow.
Skin:	Possible irritation on sensitive skin
Eyes:	Irritating
Acute Over-Exposure:	Convulsions are a rare complication
Chronic Effects:	No long term complications are noted

## Ecological information

<b>Environmental Precautions:</b>	Do not allow product to wash into waterways.
<b>Ecological Toxicity:</b>	Toxic to aquatic life with long lasting effects.
<b>Environmental Fate</b>	

## Disposal considerations

Dispose through licensed disposal company

## Regulatory information

<b>HSNO Approval No:</b>	HSR002528
<b>Group Standard:</b>	Cleaning Products (Flammable) Group Standard 2006
<b>HSNO Classes:</b>	3.1B, 6.1E, 6.3B, 6.4A, 6.9A, 9.1B

The Land Transport Rule 4500/1 2005 requires that a vehicle transporting this product by road in quantities more than 50kg including the packaging, be placarded with its description or UN Number, accompanied with a Dangerous Goods Declaration and that the driver have a DG endorsement on their drivers license.

## Other information

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

**For General Information** Xcell Products NZ  
**Contact:** Phone: +64 9 238 2389 (8.00 am to 4.30pm – Mon to Fri)  
Fax: +64 9 238 2399

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