

# SAFETY DATA SHEET

## Section 1: Identification of the Substance/Mixture and of the Supplier

<b>Product Name:</b>	BRAKE KLEEN
<b>Proper Shipping Name</b>	Flammable liquid, n.o.s.
<b>Recommended use:</b>	Brake Parts Cleaner
<b>Company Details</b>	Marketing Chemicals Ltd
<b>Address:</b>	7/343 Church Street , Penrose, Auckland. New Zealand
<b>Emergency Telephone:</b>	+64 274 736008(24 hours) National Poison Center(24 hours): 0800 POISON [ 764 766]
<b>Telephone:</b>	+64 9 634 3862 [8.00 am to 4.30pm – Monday to Friday]
<b>Fax:</b>	+64 9 634 3864
<b>Date of preparation</b>	19 September 2008

## Section 2: 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 sparks/open flames.
- No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical/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.

### Section 3: Composition/Information on Ingredients

Name	Concentration %	CAS Number
Petroleum Naptha Hydrotreated Light	> 60	64742-49-0

Note: Manufacturer has provided full ingredient information for assessment.

### Section 4: First Aid Measures

<b>Eyes:</b>	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.
<b>Skin:</b>	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.
<b>Ingestion:</b>	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.
<b>Inhallation:</b>	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]**

### Section 5: Fire Fighting Measures

<b>Flash Point:</b>	-22° Celsius
<b>Autoignition Temperature:</b>	280° Celsius
<b>Flammable Limits in Air % by Volume:</b>	LEL 1.0% UEL 6.0%
<b>Extinguishing Media:</b>	CO2, Dry Chemical or Foam. Water spray or Fog (for large fires only)
<b>Fire Fighting Instructions:</b>	Full respiration equipment is advisable. Evacuate area.
<b>Unusual Fire and Explosion Hazards:</b>	Flammable liquid, can release vapors 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 vapor) 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.

## Section 6: Accidental Release Measures

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

## Section 7: Handling And Storage

### Handling

<b>Eyes:</b>	Safety glasses with a side shield or a full face shield should be worn.
<b>Gloves:</b>	PVC Gauntlet gloves must be worn.
<b>Respiratory Protection:</b>	If using in confined area, self contained breathing apparatus should be worn.
<b>Ventilation:</b>	Ensure all ventilation equipment is flameproof
<b>Other Clothing:</b>	A plastic apron should be worn.
<b>Storage:</b>	Store in a well-ventilated place. Keep out of reach of children. Protect containers against physical damage and check regularly for leaks.

## Section 8: Exposure Controls/Personal Protection

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

## Section 9: Physical And Chemical Properties

<b>Appearance:</b>	Water White Liquid
<b>Physical State:</b>	Liquid
<b>Odour:</b>	Solvent Odour
<b>pH:</b>	Not applicable
<b>Solubility:</b>	Insoluble
<b>Vapour Density:</b>	4.8
<b>Boiling Point:</b>	IBP 85° Celsius
<b>Freezing Point:</b>	Not applicable
<b>Ignition Point:</b>	280° Celsius
<b>Flash Point:</b>	-22° Celsius
<b>Specific Gravity:</b>	0.70
<b>Vapour Pressure:</b>	<35
<b>% Volatiles:</b>	100%

## Section 10: Stability And Reactivity

<b>Conditions Contributing to Instability:</b>	Not available.
<b>Incompatibility:</b>	Sources of heat &/or ignition, Oxidising agents.
<b>Hazardous Decomposition Products:</b>	Carbon Dioxide & Water
<b>Conditions Contributing to Hazardous Polymerization</b>	Will not polymerise

## Section 11: Toxicological Information

<b>Inhalation:</b>	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.
<b>Ingestion:</b>	Nausea, vomiting & sweating with burns to the mouth & oesophagus may occur. Unconsciousness may follow.
<b>Skin:</b>	Possible irritation on sensitive skin
<b>Eye:</b>	Irritating
<b>Acute Over-Exposure:</b>	Convulsions are a rare complication
<b>Chronic Effects:</b>	No long term complications are noted

## Section 12: 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>	

## Section 13: Disposal Considerations

Dispose through Licensed Disposal Company

## Section 14: Transport Information

<b>UN No:</b>	1993
<b>Proper Shipping Name:</b>	Flammable Liquid N.O.S
<b>Dangerous Goods Class:</b>	3
<b>Packing Group:</b>	11
<b>Hazchem Code:</b>	3(Y)E



## Section 15: Regulatory Information

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

The Land Transport Rule 45001/1 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.

## Section 16: Other Information

**New Zealand National Poison Information Centre( 24 hours): 0800 POISON [764 766]**  
**New Zealand EmergencyServices : 111**

**For General Information :** John Crombie, Manager, Marketing Chemicals Ltd,  
Phone: +64 (09) 634 3862 / +64 (0)27 473 6008  
Fax : +64 (09) 634 3864

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End of Safety Data Sheet.