



SAFETY DATA SHEET- BRAKE KLEEN

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

Product Name: BRAKE KLEEN
Proper Shipping Name Flammable liquid, n.o.s.
Recommended use: Brake Parts Cleaner
Company Details Marketing Chemicals Ltd
Address: 2 Rymer Place, Mangere Bridge
Auckland. New Zealand
Emergency Telephone: +64 274 736008(24 hours)
National Poison Center(24 hours): 0800 POISON [764 766]
Telephone: +64 9 634 3862 [8.00 am to 4.30pm – Monday to Friday]
Fax: +64 9 634 3864
Date of preparation 16 May 2018

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 inhaled.
- 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

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

Prevention Statements:

- Read label before use.

- Keep away from sparks/open flames/hot surfaces.
- Keep container tightly closed.
- No smoking.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical/lighting equipment.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Wear protective gloves and eye/face protection.
- 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

Response Statements

- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- In case of fire: Use Dry chemical powder, Foam, Carbon dioxide for extinction.
- If medical advice is needed, have product container or label at hand.
- IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
- If skin irritation occurs: Get medical advice/ attention.
- IF IN 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.
- Get medical advice/attention if you feel unwell.

Storage Statements

- Store in a well-ventilated place. Keep cool.

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

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.
Inhallation:	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

Flash Point:	-22° Celsius
Autoignition Temperature:	280° Celsius
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 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

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

Section 7: 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.
<u>Storage:</u>	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

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

Section 9: Physical And Chemical Properties

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

Section 10: 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 Polymerization: Will not polymerise

Section 11: 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
Eye: Irritating
Acute Over-Exposure: Convulsions are a rare complication
Chronic Effects: No long term complications are noted

Section 12: Ecological Information

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

Environmental Fate

Section 13: Disposal Considerations

Dispose through Licensed Disposal Company

Section 14: Transport Information



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

Section 15: Regulatory Information

HSNO Approval No: HSR002528
Group Standard: Cleaning Products (Flammable) Group Standard 2006
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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 Emergency Services : 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

Marketing Chemicals Ltd has taken care in compiling this information. No liability is accepted directly or indirectly from its application as conditions of use are outside the Company's control. End users are obliged to conform to relevant Local Government regulations.

End of Safety Data Sheet.