

SAFTEY DATA SHEET

Section 1: Identification of the Substance and of the Supplier

Product Name: Brake Cleaner
Proper Shipping Name FLAMMABLE LIQUID, N.O.S.
Recommended use: Brake Parts Cleaner
Company Details Tranz Brite Limited
Address: 23 Alfred Street , Onehunga
Auckland. New Zealand
Telephone: +64 9 636 4632 [8.00 am to 4.30pm – Monday to Friday]
Fax: +64 9 636 4634
Emergency Telephone: National Poison Centre(24 hours): 0800 POISON [764 766]
Date of preparation 15 January 2014

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.

The HSNO Approval Number: Group Standard HSR002528.

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.

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Section 3: Composition on Ingredients

Name	% by Weight	CAS Number
Hydrocarbon Solvent	> 70	64742-49-0

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.
Inhalation:	Remove from contaminated area. Get medical advice/attention if you feel unwell.

For Further Information Telephone (24 Hours)The National Poison Centre: 0800 Poison [764 766]

Section 5: Fire Fighting Measures

Flash Point:	-22°C
Auto ignition 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 Measure

Do not release into waterways. Adsorb on fire retardant treated sawdust, diatomaceous earth, etc. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal. Eliminate all ignition sources. Remove leaking containers to detached area

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Section 7: Handling and Storage

Handling & Storage: Avoid contact with eyes. Avoid contact with skin. Use in well ventilated area away from all ignition sources. Avoid sparking conditions. Ground and bond all transfer equipment.
Store in a well-ventilated place.
Keep cool.

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

Stability of the Substance: Not available.
Conditions to avoid: Heat, Sparks, Flame, Static Electricity
Materials to avoid: Strong oxidizers.
Hazardous Decomposition Products: Carbon Dioxide & Water
Conditions Contributing to Hazardous Polymerization: Will not occur.

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.

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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: III
Hazchem Code: 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 Emergency Services: 111

Tranz Brite Limited 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.**