

**SAFETY DATA SHEET****Product Name****Brake & Parts Cleaner****1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Recommended use:</b>	Non-emulsifying solvent cleaner designed to clean brakes and diesel drum disc.
<b>Company Details:</b>	Super Shine Products Ltd
<b>Address:</b>	64, 66 Huia Road, Otahuhu Auckland. New Zealand
<b>Telephone Number:</b>	+64 9 276 1591
<b>Emergency Telephone Number:</b>	National Poison Information Centre 0800 764 766
<b>Date of Preparation:</b>	21/03/2023

**2. HAZARD IDENTIFICATION**

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2017  
EPA Approval No: Cleaning Products (Flammable, Toxic[6.7]) – HSR002589

**GHS Classification and Categories**

HSNO Classes	Hazard Code	Hazard Statement	GHS Category
3.1B	H225	Highly flammable liquid and vapour.	Flam. Liq. 2
6.1E (asp)	H304	May be fatal if swallowed and enters airways.	Asp. Tox. 1
6.6B	H341	Suspected of causing genetic defects.	Muta. 2
6.7B	H351	Suspected of causing cancer.	Carc. 2
9.1B	H411	Toxic to aquatic life with long lasting effects.	Aquatic Chronic 2

**HSNO Hazard Classification:** 3.1B, 6.1E (asp),6.6B, 6.7B and 9.1B

**Danger**

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, sparks, open flames or hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P273	Avoid release to the environment.
P280	Wear protective clothing as detailed in Section 8.
P281	Use personal protective equipment as required.

Response code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P331	Do NOT induce vomiting.
P391	Collect spillage.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303 + P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P370 + P378	In case of fire: Use CO2, Dry Chemical or Foam, Water spray or Fog for extinction.

Storage Code	Storage Statement
P405 Store	locked up.
P403 + P235	Store in a well-ventilated place. Keep cool.

Disposal Code	Disposal Statement
P501	Refer to Section 13.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS #	Concentration %
Petroleum Naphtha	64742-49-0	50-100
Non Hazardous		balance

### 4. FIRST AID MEASURES

**Ingestion:**

Immediately rinse mouth with water. If swallowed do not induce vomiting. Give water to drink. Seek immediate medical attention.

**Eye Contact:**

Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Transport to the nearest medical facility for additional treatment.

**Skin Contact:**

Remove contaminated clothing. Flush exposed area with water and follow by washing with soap if available.

**Inhalation:**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give Oxygen. Get medical help.

### 5. FIRE FIGHTING MEASURES

Hazard Type	Flammable Liquid or vapour
Flash Point	-22degrees cel
Auto Ignition Point	<b>280 deg cel</b>
Flammable Limits in Air % by Volume	1.0 to 6.0%
Hazards from combustion products	Carbon Dioxide & Water
Suitable Extinguishing media	CO2, Dry Chemical or Foam. Water spray or Fog (for large fires only)
Precautions for firefighters and special protective clothing	Full respiration equipment is advisable. Evacuate area. Flammable liquid, can release vapors that form flammable mixtures at temperatures 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.
HAZCHEM CODE	3YE

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## 6. ACCIDENTAL RELEASE MEASURES

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### Emergency Precautions:

Personnel involved in the clean should wear full protective clothing. Evacuate all unnecessary personnel. Increase ventilation. Avoid walking through spilled product as it may be slippery. Stop leak if safe to do so. Do not let product reach drain or waterways; advise the Environmental Protection Authority or your local Waste Management. Use clean, non-sparking tools and equipment.

### Methods and Materials for Containment and Clean Up:

Soak up spilled product using absorbent non-combustible material such as sand or soil. Avoid using sawdust or cellulose. When saturated, collect material into suitable, labelled, dry, sealable containers and hold for safe disposal. Once pick-up is complete, flush spill site with plenty of water to eliminate any residue. Hold contaminated water for treatment/disposal.

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## 7. HANDLING AND STORAGE

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### PROCEDURE FOR HANDLING

- Keep out of reach of children.
- Read label before use.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Keep away from heat, sparks, open flames and hot surfaces. No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical, ventilating, and lighting.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Avoid release to the environment.
- Wear protective clothing.
- Use personal protective equipment as required

### STORAGE REQUIREMENTS

- Store in a well-ventilated place. Keep cool.
- Keep out of reach of children.
- Store locked up
- Protect containers against physical damage and check regularly for leaks  
Keep away from incompatible materials listed in Section 10

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**Exposure Standards:**

No Tolerable Exposure Limit (TEL) Workplace Exposure Standards (WES) has been set by the Occupational Safety and Health Service, NZ Department of Labour for this substance.

**Biological limit values:**

None established.

**Engineering Controls**

The use of local exhaust ventilation is recommended to control process emissions near the sources. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion proof ventilation equipment.

**PERSONAL PROTECTIVE EQUIPMENT**

**Respiratory Protection:**

Where concentration in air may exceed the limits described in the National Exposure Standards, it is recommended to use a half face filter mask to protect from overexposure by inhalation. A type "A" filter material is considered suitable for this product.

**Eye Protection:**

Always use safety glasses or a face shield when handling this product.

**Skin/Body Protection:**

Always wear long sleeves and long trousers or coveralls, enclosed footwear or safety boots and chemical resistant gloves when handling this product.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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<b>Appearance:</b>	Colourless liquid
<b>Physical State:</b>	Liquid
<b>Odour:</b>	Solvent odour
<b>pH:</b>	N/A
<b>Solubility:</b>	Insoluble in water
<b>Vapour Density:</b>	4.8
<b>Boiling point:</b>	85 deg
<b>Freezing Point:</b>	Not applicable
<b>Ignition Point:</b>	280 degree
<b>Flash Point:</b>	-22 degree
<b>Specific Gravity:</b>	0.70
<b>Vapour pressure:</b>	<35
<b>% Volatilities:</b>	100%

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## 10. STABILITY AND REACTIVITY

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<b>Chemical Stability:</b>	Stable at room temperature and pressure.
<b>Conditions to avoid:</b>	Avoid excessive heat, direct sunlight, moisture, high temperatures.
<b>Incompatible Materials:</b>	Incompatible with oxidizing agents, acidic agents, including acidic clays, and sources of ignition.
<b>Hazardous decomposition:</b>	When involved in a fire, this product will generate carbon monoxide
<b>Hazardous reactions:</b>	Oxidizing agents, mineral acids, halogenated organic compounds.

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## 11. TOXICOLOGICAL INFORMATION

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No adverse health effects expected if the product is handled in accordance with the safety data sheet. Symptoms or effects that may arise if the product is mishandled and the overexposure occurs are:

### Acute Effects

#### Ingestion:

Small amounts of liquid aspirated into lungs during ingestion, or from vomiting. Ingestion large amounts of this product will result on headaches, nausea, dizziness and tracheal burning.

#### Eye Contact:

This product is irritating to eyes but will not permanently damage eye tissue.

#### Skin Contact:

This product is irritating to skin and may result in dryness and cracking of skin.

#### Inhalation:

Irritating to respiratory tract. Exposure to high concentrations over an extended period of time may result on muscles weakness, tingling in hands and feet, blurred vision, headaches, nausea, loss of appetite, hallucinations and possible loss of consciousness.

#### Chronic Effects:

This product contain n-hexane a confirmed toxicant to target organs and systems, there is evidence of potentially irreversible damage to the peripheral nervous system, particularly arms and legs

#### Other health effects information:

The effects of the constituent of this product show incidents of experiment teratogenic and reproductive effects and mutation data has been reported

#### Toxicological information:

Cyclohexane	LD50	813mg/kg
Heptane	LD50	222mg/kg
Heptane	LD50	2250mg/kg

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## 12. ECOLOGICAL INFORMATION

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#### Persistence/ degradability:

This product contains some components that are either persistent (cyclohexane) or bio accumulative (heptanes), it can degrade rapidly in air. Expected to be removed during wastewater treatment.

**Mobility:** No data available for this product.

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## 13. DISPOSAL CONSIDERATIONS

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#### Disposal Methods:

Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities. Packaging may still contain fumes and vapours that are flammable and harmful.

#### Special precautions for landfill of incineration:

This product is not suitable for disposal by either landfill or via municipal sewers, drain, natural streams or rivers. This product is ash less and can be burned directly in appropriate equipment.

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**14. TRANSPORT INFORMATION**

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<b>UN no.</b>	1993
<b>Proper shipping name</b>	Flammable liquid N.O.S
<b>Dangerous goods classes</b>	3 and 9
<b>Packaging group</b>	II
<b>Hazchem code</b>	3(Y) E



This product is classified as Dangerous Goods Class 3, packaging group II, please consult the land Transport Rule, DG 2005, and NZS 5433:2007 Transport of Dangerous Goods on land for information

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**15. REGULATORY INFORMATION**

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

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**16. OTHER INFORMATION**

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<b>New Zealand National Poison Information Centre:</b>	0800 764 766
<b>New Zealand Emergency Services:</b>	111
<b>Super Shine Products Limited:</b>	+64 9 276 1591

Every endeavour has been made to ensure that the information contained in this publication is reliable and offered in good faith. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific properties. Customers are encouraged to conduct their own tests as end user suitability of the product for particular uses is beyond our control. The information is not intended as an inducement to bargain and no warranty expressed or implied is made as to its accuracy, reliability or completeness. Super shine Products Limited accepts no liability for loss, injury or damage arising from reliance upon the information contained in this data sheet except in conjunction with the proper use of the product to which it refers. Due care should be taken that the use and disposal of this product is in compliance with appropriate Local Councils regulations.