

SAFETY DATA SHEET

BRAKE CLEANER

Infosafe No.: 5GFHS
ISSUED Date : 10/05/2022
ISSUED by: Cargroomers International Pty
Ltd

Section 1 - Identification

Product Identifier

BRAKE CLEANER

Product Code

BRAKE

Product Type

Brake cleaner

Company Name

JAW Ltd

Address

25B Paramount Drive
Henderson Auckland
0622 New Zealand

Telephone/Fax Number

Tel: 09 2159743

Fax: 09 4887000

Emergency Phone Number

09 2159743 (office hours)

Emergency Contact Name

Manager

Section 2 - Hazard(s) Identification

GHS classification of the substance/mixture

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Aspiration hazard: Category 1

Carcinogenicity: Category 1A

Eye damage/irritation: Category 2A

Flammable liquids: Category 2

Germ cell mutagenicity: Category 1B

Reproductive toxicity: Category 2

Skin corrosion/irritation: Category 2

Specific target organ toxicity (repeated exposure): Category 1

Specific target organ toxicity (single exposure): Category 3 (Narcotic)

Signal Word (s)

DANGER

Hazard Statement (s)

H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.
H340 May cause genetic defects.
H350 May cause cancer.
H361 Suspected of damaging fertility or the unborn child.
H372 Causes damage to organs through prolonged or repeated exposure.

Pictogram (s)

Health hazard, Exclamation mark, Flame



Precautionary Statement – Prevention

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof [electrical/ventilating/lighting] equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharges.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P280 Wear eye protection/face protection.

Precautionary Statement – Response

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor
P331 Do NOT induce vomiting.
P302+P352 IF ON SKIN: Wash with plenty of water.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P332+P313 If skin irritation occurs: Get medical advice/attention.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P314 Get medical advice/attention if you feel unwell.
P321 Specific treatment (see on this label).
P370+P378 In case of fire: Use foam/water spray/fog to extinguish.

Precautionary Statement – Storage

P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

Precautionary Statement – Disposal

P501 Dispose of contents/container to an approved waste disposal facility.

Precautionary Statement – General

P102 Keep out of reach of children.

Section 3 - Composition and Information on Ingredients

Ingredients

Name	CAS	Proportion
Solvent naphtha (petroleum), light aliph.	64742-89-8	100 %
n-hexane	110-54-3	<30 %
Benzene	71-43-2	<0.1 %

Section 4 - First Aid Measures

First Aid Measures

If poisoning occurs contact a doctor or Poisons Information Centre Phone Australia 131126, New Zealand 0800 764 766.

Inhalation

Remove victim from exposure if safe to do so. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume a comfortable position and keep warm. Seek medical advice if symptoms persist.

Ingestion

Do NOT induce vomiting. Wash mouth out with water. Give water to drink. Seek medical advice.

Skin

Wash skin with plenty of water. Remove contaminated clothing and wash before re-use. Seek medical advice (e.g. doctor) if irritation develops.

Eye

Hold eyelids open and irrigate continuously with water for 15 minutes. Seek medical advice.

First Aid Facilities

Use should be made of an on-site approved first aid kit if required in the first instance until medical assistance is forthcoming. Potable water should be available to rinse eyes or skin.

Advice to Doctor

Treat symptomatically. Show this S.D.S. to the medical practitioner.

Section 5 - Firefighting Measures

Suitable Extinguishing Media

Foam, water spray or fog, dry chemical powder or carbon dioxide. Do not use water in a jet.

Hazards from Combustion Products

Carbon monoxide may be evolved if incomplete combustion occurs. Will float and can be reignited on surface water. Vapour is heavier than air, can spread along ground and distant ignition is possible.

Special Protective Equipment for fire fighters

Wear full protective clothing and self-contained breathing apparatus. Hazchem code 3YE.

Specific Methods

No special fire fighting procedures required.

Hazchem Code

3YE

Section 6 - Accidental Release Measures

Spills & Disposal

Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Remove all sources of ignition in the surrounding area. Take precautionary measure against static discharge. Ensure electrical continuity by bonding and earthing all equipment.

Personal Protection

Refer section 8 of this SDS.

Clean-up Methods - Small Spillages

Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Remove all sources of ignition in the surrounding area. Take precautionary measure against static discharge. Ensure electrical continuity by bonding and earthing all equipment.

Clean-up Methods - Large Spillages

Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Remove all sources of ignition in the surrounding area. Take precautionary measure against static discharge. Ensure electrical continuity by bonding and earthing all equipment.

Environmental Precautions

Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth or other appropriate barriers. Attempt to disperse the vapour or to direct its flow to a safe location for example by using fog sprays. Ventilate contaminated area thoroughly.

Section 7 - Handling and Storage

Precautions for Safe Handling

Highly flammable product. Avoid breathing vapours. Handle and open containers with care in a well-ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Electrostatic charges may be generated during transfer. Electrostatic discharge may cause fire. Ensure electrical continuity by earthing all equipment.

Additional information on precautions for use

Store in a well-ventilated area, away from sunlight, ignition sources and other sources of heat. Do not store near strong oxidants.

Section 8 - Exposure Controls and Personal Protection

Occupational exposure limit values

From Safe Work Australia (SWA) - n-Hexane: 72mg/m³ (20ppm) TWA (8hr)

Refined mineral oil mist: 5mg/m³ TWA

Engineering Controls

Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists and vapours. Keep containers closed when not in use.

Respiratory Protection

If work practices do not maintain airborne level below the exposure standard, use appropriate respiratory protection equipment. When using respirators, select an appropriate combination of mask and filter. Select a filter for organic gases and vapours (boiling point > 65°C). Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.

Eye and Face Protection

Safety glasses, goggles or faceshield as appropriate.

Hand Protection

Use solvent resistant gloves, nitrile for longer term protection or PVC and neoprene for incidental splashes.

Personal Protective Equipment

Use sensible work practices that reduce operator exposure to the product.

Section 9 - Physical and Chemical Properties

Properties	Description	Properties	Description
Form	Liquid	Colour	Colourless
Odour	Paraffin sweet	Freezing Point	-30C
Boiling Point	ca. 50-135°C	Solubility in Water	Not Soluble
Specific Gravity	0.67 - 0.76 g/ml	pH	Not applicable
Vapour Pressure	ca. 34.5 kPa	Flammability	Highly flammable
Auto-Ignition Temperature	280C (ASTM E-659)	Flammable Limits - Lower	1%
Flammable Limits - Upper	7.5%		

Section 10 - Stability and Reactivity

Possibility of hazardous reactions

This material is stable under normal conditions of storage and use.

Conditions to Avoid

Avoid heat, sparks, open flames and other ignition sources.

Incompatible Materials

Strong oxidising agents

Hazardous Decomposition Products

Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and other organic compounds.

Other Information

Store in a cool, dry place. Use only as directed. Store in accordance with directions given in Section 7 (Handling and storage) of this SDS.

Section 11 - Toxicological Information

Acute Toxicity

Expected to be of low toxicity - LD50 Oral (rat) > 2000mg/kg, LD50 Inhalation (rat) > 20mg/l/4h, LD50 Dermal (rat) > 2000mg/kg

Ingestion

May include coughing, choking, wheezing, difficulty in breathing, chest congestion, shortness of breath and/or fever.

Inhalation

Breathing of high vapour concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea; continued inhalation may result in unconsciousness and/or death.

Skin

May include burning sensation and/or a dried/cracked appearance.

Eye

May include burning sensation, redness, swelling and/or blurred vision.

Germ Cell Mutagenicity

May be mutagenic.

Carcinogenicity

May be carcinogenic.

Reproductive Toxicity

n-Hexane - Causes foetal toxicity in animals at doses which are maternally toxic. Affects reproductive system in animals at doses which produces other toxic effects.

Chronic Effects

No long-term exposure effects are known.

Section 12 - Ecological Information

Ecotoxicity

Expected to be toxic to aquatic species with long lasting effects. Avoid contamination of waterways.

Section 13 - Disposal Considerations

Disposal Considerations

Remove for disposal in accordance with local waste management regulations.

Section 14 - Transport Information

Transport Information

This material is a Class 3 - Flammable Liquid according to The Australian Code for the Transport of Dangerous Goods by Road and Rail. Class 3 - Flammable Liquids are incompatible in a placard load with any of the following:

- Class 1, Explosives
- Class 2.1, Flammable Gases, if both the Class 3 and Class 2.1 dangerous goods are in bulk
- Class 2.3, Toxic Gases
- Class 4.2, Spontaneously Combustible Substances
- Class 5.1, Oxidising Agents and Class 5.2, Organic Peroxides
- Class 6, Toxic Substances (where the flammable liquid is nitromethane)
- Class 7, Radioactive Substances.

ADG U.N. Number

1268

ADG Proper Shipping Name

PETROLEUM DISTILLATES, N.O.S.(SOLVENT NAPHTHA)

ADG Transport Hazard Class

3

ADG Packing Group

II

Hazchem Code

3YE

IERG Number

14

Section 15 - Regulatory Information

Poisons Schedule

S5

HSNO Approval Number

HSR002528

Australia (AICS/AIIC)

All ingredients listed

Other Information

NZ: Cleaning Products (Flammable) Goup Standard 2020

Section 16 - Any Other Relevant Information

Other Information

Reason for revision: GHS Classification

DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.

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. The company 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 Federal, State and Local Government regulations.

END OF SDS

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