

Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND THE SUPPLIER

Product Name	Brake Cleaner
Product Code	42213 (20L)
Product Use	Brake cleaner
Issue Date	September 2023
Company Name	Gulf Western Oil
Company Address	92 – 96 Links Rd St Marys NSW 2760 Australia
Telephone number / Fax	(02) 9673 9600 (phone) / (02) 9673 9696 (fax)
Emergency Telephone number	(02) 9673 9600 (business hours) or 131 126 (Poisons Information Centre)
Other Information	Not applicable

2. HAZARDS IDENTIFICATION





Classification

Classified as HAZARDOUS according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS7) including the criteria of Worksafe Australia.

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail

Signal Word: DANGER

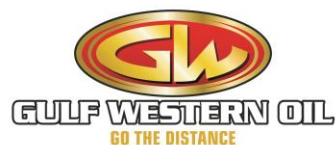
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<p>Flammable Liquids, Category 2</p>		<p>H225 Highly flammable liquid and vapour</p>
<p>Aspiration Hazard, Category 1</p> <p>Toxic to Reproduction, Category 2</p> <p>Specific Target Organ Toxicity (Repeated exposure), Category 2</p>		<p>H304 May be fatal if swallowed and enters airways</p> <p>H361 Suspected of damaging the unborn child</p> <p>H373 May cause damage to organs through prolonged or repeated</p>
<p>Skin Corrosion/Irritation, Category 2</p> <p>Specific Target Organ Toxicity (Single exposure), Category 3</p>		<p>H315 Causes skin irritation</p> <p>H336 May cause drowsiness or dizziness</p>
<p>Chronic Aquatic Toxicity, Category 2</p>		<p>H411 Toxic to aquatic life with long lasting effects</p>

Precautionary statements:

GENERAL

<p>P101</p>	<p>If medical advice is needed, have product container or label at hand</p>
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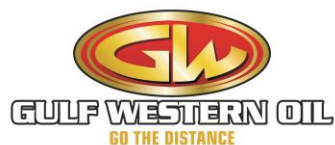
P102	Keep out of reach of children
P103	Read label before use

PREVENTATIVE

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/hot surfaces. - No smoking
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical/ventilation/lighting equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P260	Do not breathe mist/vapours/spray
P261	Avoid breathing mist/vapours/spray
P264	Wash thoroughly after handling
P271	Use only outdoors or in a well-ventilated area
P273	Avoid release to the environment
P280	Wear protective gloves/eye protection/face protection
P281	Use personal protective equipment as required

RESPONSE

P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P302 + P352	IF ON SKIN: Wash with plenty of soap and water
P303 + P361 + P353	IF ON SKIN (or hair): Take off contaminated clothing and wash before reuse. Rinse skin with water/shower
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P308 + P313	IF exposed or concerned: Get medical advice/attention
P312	Call a POISON CENTER or doctor/physician if you feel unwell
P314	Get medical advice/attention if you feel unwell
P331	Do NOT induce vomiting
P332 + P313	If skin irritation occurs: Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse
P370 + P378	In case of fire: Use foam/water spray/fog for extinction
P391	Collect spillage



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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

3. COMPOSITION / INFORMATION ON INGREDIENTS

Composition information

INGREDIENT NAME	CAS NO.	WEIGHT
Petroleum naphtha	64742-89-8	>90%
n-hexane	110-54-3	0-10%
Ethyl benzene	100-41-4	0-1%

4. FIRST AID MEASURES

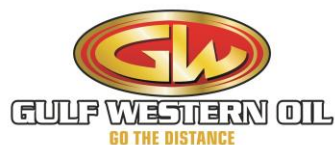
If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation:

Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin contact:

For gross contamination, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water (and soap if material is insoluble). For skin burns, cover with a clean, dry dressing until medical help is available. If blistering occurs, do NOT break blisters. If swelling, redness, blistering, or irritation occurs seek medical assistance.



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Eye contact:

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.

Ingestion:

Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

Notes to physician: Treat symptomatically

5. FIRE FIGHTING MEASURES

Specific hazards:

Flammable liquid. May form flammable vapour mixtures with air. Flameproof equipment necessary in area where this chemical is being used. Nearby equipment must be earthed. Electrical requirements for work area should be assessed according to AS3000. Vapour may travel a considerable distance to source of ignition and flash back. Avoid all ignition sources. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc) must be eliminated both in and near the work area. Do NOT smoke.

Fire fighting further advice:

If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

Hazchem Code: 3Y

Suitable extinguishing media:

If material is involved in a fire use foam, dry agent (carbon dioxide, dry chemical powder).

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage.

LARGE SPILLS

Shut off all possible sources of ignition. Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours.

Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Use a spark-free shovel. Collect and seal in properly labelled containers or drums for disposal. If contamination of sewers or waterways has occurred advise local emergency services.

7. HANDLING AND STORAGE

Handling and Storage

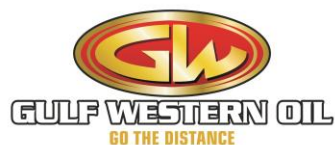
Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Store away from sources of heat or ignition. Keep containers closed when not in use – check regularly for leaks.

Other

This material is classified as a Dangerous Good Class 3 Flammable Liquid as per the criteria of the Australian Dangerous Goods Code and must be stored in accordance with the relevant regulations.

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

	TWA		STEL		CARCINOGEN	NOTICES
	ppm	mg/m3	ppm	mg/m3	CATEGORY	
Solvent naphtha	-	-	-	500	-	-

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values:

As per the "National Model Regulations for the Control of Workplace Hazardous Substances (SWA)" the ingredients in this material do not have a Biological Limit Allocated.

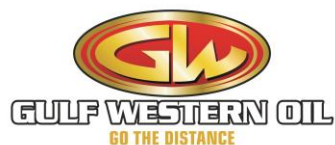
Engineering measures:

Ensure ventilation is adequate to maintain air concentrations below Exposure Standards.

Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

Personal protection equipment:

OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES.



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Wear overalls, chemical goggles and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet.

Wash contaminated clothing and other protective equipment before storing or re-using.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance / Description	Colourless liquid with solvent odour
Boiling Point	50 - 135°C
Solubility in Water	Insoluble
Specific Gravity	0.67 – 0.755 g/mL
Vapour Pressure	Not available
Viscosity	Not applicable
Flash Point	-30°C
Flammability	LEL – 1.0; UEL – 7.5 % by volume

10. STABILITY AND REACTIVITY

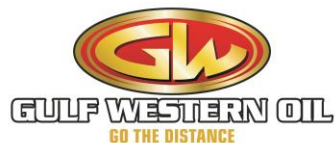
Chemical stability: This material is thermally stable when stored and used as directed.

Conditions to avoid: Elevated temperatures and sources of ignition.

Incompatible Materials: Oxidising agents.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

Hazardous reactions: No known hazardous reactions.



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11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material may be irritant to mucous membranes and respiratory tract.

Skin contact: Contact with skin may result in irritation.

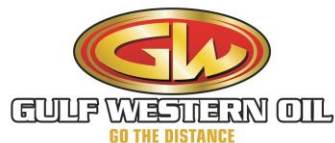
Eye contact: A severe eye irritant. May cause temporary impairment of vision.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract. May cause lung damage if swallowed. Small amounts of liquid aspirated into the respiratory system during ingestion or vomiting may cause bronchopneumonia or pulmonary oedema.

Long Term Effects: No information available for product.

Acute toxicity / Chronic toxicity:

No LD50 data available for the product.



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12. ECOLOGICAL INFORMATION

No ecological data is available for this material.

Environmental Protection

Prevent this material from entering the environment

Ecotoxicity

No data is available for this specific product.

Persistence / Degradability

No data is available for this specific product.

Mobility

No data is available for this specific product.

Bioaccumulation

No data is available for this specific product.

13. DISPOSAL CONSIDERATIONS

Refer to State or Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

UN No: 1268

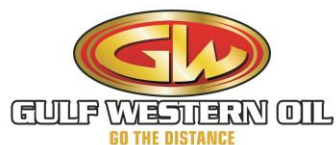
Dangerous Goods Class: 3

Packing Group: II

Hazchem Code: 3[Y]E

Emergency Response Guide No: 14.

Proper Shipping Name: PETROLEUM DISTILLATES N.O.S. (SOLVENT NAPHTHA)



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Segregation Dangerous Goods: Not to be loaded with explosives (Class 1), flammable gases (Class 2.1), if both are in bulk, toxic gases (Class 2.3), spontaneously combustible substances

(Class 4.2), oxidising agents (Class 5.1), organic peroxides (Class 5.2) or radioactive substances (Class 7), however exemptions may apply.

MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN No: 1268

Dangerous Goods Class: 3

Packing Group: II

Emergency Response Guide No: 14.

Proper Shipping Name: PETROLEUM DISTILLATES N.O.S. (SOLVENT NAPHTHA)

AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

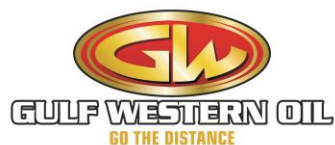
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15. REGULATORY INFORMATION

SUSMP Poisons Schedule

Schedule 5 (LIQUID HYDROCARBONS)

Industrial Chemicals (Notification and Assessment) Act and NZIoC

All individual components are registered on the Australian and New Zealand Inventory of Chemical Substances

16. OTHER INFORMATION

Contact Person

For information concerning details on this Safety Data Sheet contact the Technical Manager on the following number:

(02) 9673 9600 (business hours)

0417 244 439 (after hours)

General Disclaimer

All reasonable care has been taken to ensure that the information and advice contained herein are accurate at the time of printing. Gulf Western Oil however accepts no liability for any loss or damages suffered as a consequence of reliance on the information and advice contained herein.

History

This Safety Data Sheet prepared in December 2016

May 2018 – update with 24hr emergency contact details

September 2023 – formulation updated, information confirmed against GHS7