



Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND THE SUPPLIER

Product Name	Carby and Throttle Body Cleaner
Product Code	64095 (400g)
Product Use	Aerosol cleaner for carburettors and throttle bodies
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 only)
Other Information	Not applicable

2. HAZARDS IDENTIFICATION





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Classification

Classified as hazardous according to Safe Work Australia criteria

Classified as a dangerous good according to the ADG code (2.1 Flammable Gas)

Not classified as a Poison according to the SUSMP

Classified as Hazardous according to the HSNO Act, New Zealand

Hazard Category:

Xn Harmful

Xi Irritant

Risk Phrases

R36/38 Irritating to skin and eyes

R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation

R63 (Repr. Cat. 3) Possible risk of harm to the unborn child

R65 Harmful: may cause lung damage if swallowed

R66 Repeated exposure may cause skin dryness or cracking

R67 Vapours may cause drowsiness and dizziness

Safety Phrases

S9 Keep container in a well-ventilated place

S16 Keep away from sources of ignition

S29 Do not empty into drains

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection

S46 If swallowed, seek medical advice immediately and show this container or label

Dangerous Good Category:

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

Class: 2.1 Flammable Gas (UN 1950 AEROSOLS)

HSNO Category:

Aerosols (Flammable) Group Standard 2006

HSNO Approval Number:HSR002515.



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3. COMPOSITION / INFORMATION ON INGREDIENTS

Composition information

INGREDIENT NAME	CAS NO.	WEIGHT
Toluene	108-88-3	30 – 60%
Acetone	67-64-1	10 – 30%
Butane	106-97-8	10 – 30%
Propane	74-98-6	<10%
Ingredients determined to be non-hazardous	-	Balance

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 until advised to stop by the Poisons Information Centre or a doctor; or for 15 minutes and transport to a doctor or hospital.

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 a doctor or hospital.

Ingestion:

Immediately 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. Go to a doctor or hospital quickly.

Notes to physician: Treat symptomatically.



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5. FIRE FIGHTING MEASURES

Specific hazards:

Flammable gas. May form flammable vapour mixtures with air. 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:

Heating can cause expansion or decomposition leading to violent rupture of containers. 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: 2YE

Suitable extinguishing media:

If material is involved in a fire use water fog (or if unavailable fine water spray), 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). Collect and seal in properly labelled containers or drums for disposal.

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.

Dangerous Goods – Initial Emergency Response Guide No: 49



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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 2.1 Flammable Gas as per the criteria of the Australian Dangerous Goods Code and must be stored in accordance with the relevant regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

	TWA		STEL		CARCINOGEN	NOTICES
	ppm	mg/m ³	ppm	mg/m ³	CATEGORY	
Toluene (AUS)	50	191	150	574	-	Sk
Toluene (NZ)	50	188	-	-	-	Sk
Acetone	500	1185	1000	2375	-	-
Butane	800	1900	-	-	-	-
Propane	-	-	-	-	-	Asphyxiant

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.

Sk: absorption through the skin may be a significant source of exposure. The exposure standard is invalidated if such contact should occur.

Asphyxiant: gases which can lead to reduction of oxygen concentration by displacement or dilution. The minimum oxygen content in air should be 18% by volume under normal pressure.

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



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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:

Use only in well ventilated areas. Vapour heavier than air – prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected. Keep containers closed when not in use.

Personal protection equipment:

OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES.

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. If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance / Description	
Boiling Point	Not available
Solubility in Water	Insoluble
Specific Gravity (20°C)	0.85
Relative Vapour Density (air=1)	>1
Flash Point	<0°C (propellant)
Flammability	Highly flammable

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.

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. Inhalation of vapour can result in headaches, dizziness and possible nausea.

Skin contact: Contact with skin may result in irritation. Repeated or prolonged skin contact may lead to irritation. Repeated exposure may cause dryness or cracking.

Eye contact: An eye irritant.



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Ingestion: 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.

LD50s for acetone are reported as follows:

Oral LD50 (rat):	5,800 – 8,393 mg/kg
Dermal LD50 (rabbit) :	>15,688 (no deaths recorded)
Inhalation LC50 (rat):	50.1mg/L/8hr
Inhalation LC50 (rat):	76.0mg/L/4hr
EYES (rabbit):	Redness of conjunctiva – 2.3

100uL of acetone was applied to six New Zealand white albino rabbits according to a modified Draize test. The overall results show that acetone is a mild eye irritant.

Subjects exposed to vapour concentrations of 500 – 1000ppm experienced irritation to the eyes.

Vapour concentrations above 500ppm are irritating to the nose and throat. Higher concentrations above 1000ppm have resulted in narcotic effects.

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

Negligible potential to bioaccumulate

Mobility

No data is available for this specific product.

Bioaccumulation

No data is available for this specific product.



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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: 1950

Dangerous Goods Class: 2.1

Packing Group: n/a

Hazchem Code: 2YE

Emergency Response Guide No: 49

Proper Shipping Name: AEROSOLS

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1), flammable liquids (Class 3), if both are in bulk, flammable solids (Class 4.1), spontaneously combustible substances (Class 4.2), dangerous when wet substances (Class 4.3), 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: 1950

Dangerous Goods Class: 2.1

Packing Group: N/A

Proper Shipping Name: AEROSOLS



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AIR TRANSPORT

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

UN No: 1950

Dangerous Goods Class: 2.1

Packing Group: n/a

Proper Shipping Name: AEROSOLS

15. REGULATORY INFORMATION

SUSMP Poisons Schedule

Not applicable

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 June 2014