

Product Name: Polycraft Carby Cleaner.

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

### 1.1 Product Identifier

Product Name: Polycraft Carby & EFI Throttle Body Cleaner  
Synonym(s): None

### 1.2 Uses and uses advised against

Use(s) Carburettor Cleaner

### 1.3 Details of the supplier of the product

Supplier Name TREBLEX INDUSTRIAL PTY LTD  
Address U 1/26 Ilda Rd, CANNING VALE WA 6155  
Telephone (08) 9456 5825  
Fax (08) 9456 5875  
Email [sales@treblex.com.au](mailto:sales@treblex.com.au)  
Website [www.treblex.com.au](http://www.treblex.com.au)

### 1.4 Emergency telephone number

Emergency 0438 120 976 AH / 08 9456 5825 Business hours

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

CLASSIFIED AS HAZARDOUS ACCORDING TO AUSTRALIAN WHS REGULATIONS

GHS Classification(s) Aerosols – Flammable: Category 1  
Aerosols – Pressurised: Category 1  
Skin Corrosion/Irritation: Category 2  
Serious Eye Damage / Eye Irritation: Category 2A  
Specific Target Organ Systemic Toxicity (Single Exposure): Category 3  
Toxic to Reproduction: Category 1A  
Specific Target Organ Systemic Toxicity (Single Exposure): Category 1  
Specific Target Organ Systemic Toxicity (Repeated Exposure): Category 2

### 2.2 Label elements

Signal word

DANGER

Pictogram(s)



Hazard statement(s)

H222 Extremely flammable aerosol  
H229 Pressurised container: may burst if heated  
H315 Causes skin irritation  
H319 Causes serious eye irritation  
H336 May cause drowsiness or dizziness  
H360 May damage fertility or the unborn child  
H370 Causes damage to organs  
H373 May cause damage to organs through prolonged or repeated exposure  
AUH066 Repeated exposure may cause skin dryness or cracking

Prevention statement(s)

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.  
P211 Do not spray on an open flame or other ignition source.  
P251 Pressurized container: Do not pierce or burn, even after use.  
P260 Do not breathe dust/fume/gas/mist/vapours/spray  
P264 Wash thoroughly after handling

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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

### Response statement(s)

P302 + P352 IF ON SKIN: Wash with plenty of soap and water  
P304 + P340 IF INHALED: Remove to fresh air and keep at rest in a position 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.  
P307 + P311 IF Exposed: Call a POISON CENTER or doctor/physician  
P308 + P313 IF exposed or concerned: Get medical advice / attention  
P321 Specific treatment is advised – see first aid instructions  
P362 Take off contaminated clothing and wash before re-use

### Storage statement(s)

P403 + P233 Store in a well-ventilated place. Keep container tightly closed  
P405 Store locked up  
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C

### Disposal statement(s)

P501 Dispose of contents/container in accordance with relevant regulations

### 2.3 Other hazards

No information provided.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substances / Mixtures

Ingredient	CAS Number	EC Number	Content
TOLUENE	108-88-3	203-625-9	<40%
ACETONE	67-64-1	200-662-2	<30%
BUTANE	106-97-8	203-448-7	<20%
PROPANE	74-98-6	200-827-9	<20%
METHANOL	67-56-1	200-659-6	<15%
ISOPROPYL ALCOHOL	67-63-0	200-661-7	<12%
ADDITIVE (S)	-	-	Remainder

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

**Eye** If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

**Inhalation** If inhaled, remove from contaminated area. To protect rescuer, use a Type A (Organic vapour) respirator or an Air-line respirator (in poorly ventilated areas). Apply artificial respiration if not breathing.

**Skin** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.

**Ingestion** For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting. Ingestion is considered unlikely due to product form.

**First aid facilities** No information provided.

### 4.2 Most important symptoms and effects, both acute and delayed

Irritating to the eyes, respiratory system and skin. Vapours may cause drowsiness and dizziness. Chronic exposure may result in central nervous system (CNS), liver and kidney damage. May impair fertility. Possible risk of harm to the unborn child.

### 4.3 Immediate medical attention and special treatment needed.

Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

### 5.1 Extinguishing media

Dry agent, carbon dioxide or foam. Prevent contamination of drains and waterways.

### 5.2 Special hazards arising from the substance or mixture

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Highly flammable aerosol. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition. Aerosol may explode at temperatures exceeding 50°C. Eliminate all ignition sources, including cigarettes, open flames, spark producing switches/tools, heaters, pilot lights, mobile phones, etc when handling. Aerosol cans may explode when heated above 50°C.

### **5.3 Advice for firefighters**

Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

### **5.4 Hazchem code**

2YE  
2 Fine Water Spray  
Y Risk of violent reaction or explosion. Wear full fire kit and breathing apparatus. Contain spill and run-off.  
E Evacuation of people in and around the immediate vicinity of the incident should be considered.

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## **6. ACCIDENTAL RELEASE MEASURES**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS. Clear area of all unprotected personnel. Ventilate area where possible.

### **6.2 Environmental precautions**

Prevent product from entering drains and waterways.

### **6.3 Methods of cleaning up**

Contain spillage, then cover/absorb spill with non-combustible absorbent material (vermiculite, sand or similar), collect and place in suitable containers for disposal.

### **6.4 Reference to other sections**

See Sections 8 and 13 for exposure controls and disposal.

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## **7. HANDLING AND STORAGE**

### **7.1 Precautions for safe handling**

Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

### **7.2 Conditions for safe storage, including any incompatibilities**

Store in a cool (<50°C), dry, well-ventilated area, removed from incompatible substances, heat or ignition sources and foodstuffs. Ensure aerosol containers/cans are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for damaged/leaking containers. Large storage areas should have appropriate fire protection systems.

### **7.3 Specific end use(s)**

No information provided.

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## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

### **8.1 Control parameters**

#### **Exposure standards**

Ingredients	Reference	TWA		STEL	
		ppm	Mg/m <sup>3</sup>	ppm	Mg/m <sup>3</sup>
Acetone	SWA (AUS)	500	1185	1000	2375
Butane	SWA (AUS)	800	1900	-	--
Isopropyl alcohol	SWA (AUS)	400	983	500	1230
Methanol	SWA (AUS)	200	262	250	328
Toluene	SWA (AUS)	50	191	150	574
Propane	SWA (AUS)	Asphyxiant			

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### Biological limits

Ingredient	Determinant	Sampling Time	BEI
TOLUENE	Acetone in urine	End of shift	-
	Aniline released from haemoglobin in blood	End of shift	-
	p-Aminophenol in urine	End of shift	50 mg/L
ISOPROPYL ALCOHOL	Acetone in urine	End of shift at end of workweek	40 mg/L
METHANOL	Methanol in urine	End of shift	15 mg/L
TOLUENE	o-Cresol in urine	End of shift	0.02 mg/L
	Toluene in urine	End of shift	0.03 mg/L
	Toluene in blood	Prior to last shift of work week	0.02 mg/L

Reference: ACGIH Biological Exposure Indices

### 8.2 Exposure controls

#### Engineering controls

Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical explosion proof extraction ventilation is recommended. Flammable vapours may accumulate in poorly ventilated or confined areas. Vapours are heavier than air and may travel some distance to an ignition source and flash back. Maintain vapour levels below the recommended exposure standard.

#### PPE

<b>Eye / Face</b>	Wear splash-proof goggles
<b>Hands</b>	Wear PVA or Viton ® gloves
<b>Body</b>	When using large quantities or where heavy contamination is likely, wear coveralls
<b>Respiratory</b>	Where an inhalation risk exists, wear a Type A-Class P1 (organic gases/vapours and particulate respirator)



## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	CLEAR LIQUID (AEROSOL DISPENSED)
<b>Odour</b>	AROMATIC ODOUR
<b>Flammability</b>	HIGHLY FLAMMABLE
<b>Flash point</b>	<23°C
<b>Boiling point</b>	NOT AVAILABLE
<b>Melting point</b>	NOT AVAILABLE
<b>Evaporation rate</b>	NOT AVAILABLE
<b>pH</b>	NOT AVAILABLE
<b>Vapour density</b>	NOT AVAILABLE
<b>Specific gravity</b>	0.81 to 0.83
<b>Solubility (water)</b>	INSOLUBLE
<b>Vapour pressure</b>	NOT AVAILABLE
<b>Upper explosion limit</b>	NOT RELEVANT
<b>Lower explosion limit</b>	NOT RELEVANT
<b>Partition coefficient</b>	NOT AVAILABLE
<b>Autoignition temperature</b>	NOT AVAILABLE
<b>Decomposition temperature</b>	NOT AVAILABLE
<b>Viscosity</b>	NOT AVAILABLE
<b>Explosive properties</b>	NOT AVAILABLE
<b>Oxidising properties</b>	NOT AVAILABLE
<b>Odour threshold</b>	NOT AVAILABLE

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Carefully review all information provided in sections 10.2 to 10.6

### 10.2 Chemical stability

Stable under recommended conditions of storage.

### 10.3 Possibility of hazardous reactions

Polymerization is not expected to occur.

### 10.4 Conditions to avoid

Avoid shock, friction, heavy impact, heat, sparks, open flames and other ignition sources.

### 10.5 incompatible materials

Incompatible with oxidising agents (eg-hypochlorites), acids (eg-nitric acid), alkalis (eg-sodium hydroxide), heat and ignition sources.

### 10.6 hazardous decomposition products

May evolve carbon oxides and hydrocarbons when heated to decomposition.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity

#### Information available for the product:

This product may have the potential to cause adverse health effects if intentionally misused (eg-deliberately inhaling contents)

#### Information available for the ingredient(s):

Ingredient	Oral Toxicity (LD50)	Dermal Toxicity (LD50)	Inhalation Toxicity (LC50)
TOLUENE	636 mg/kg (rat)	14100 µL/kg (rabbit)	400 ppm/24 hours
ACETONE	300 mg/kg (mouse)	>9400 µL/kg (guinea)	44000 mg/m <sup>3</sup> /4 hours
BUTANE	--	--	658000 mg/m <sup>3</sup> /4H (rat)
PROPANE	--	--	>8000000 ppm/15M (rat)
METHANOL	300 mg/kg (human)	15,800 mg/kg (rabbit)	50g /m <sup>3</sup> /2 hours
ISOPROPYL ALCOHOL	3600 mg/kg (mouse)	12,800 mg/kg (rabbit)	16000 ppm/8 hours

#### Skin

Irritating to the skin. Contact may result in drying and defatting of the skin, rash and dermatitis.

#### Eye

Irritating to the eyes. Contact may result in irritation, lacrimation, pain and redness.

#### Sensitisation

Not classified as causing skin or respiratory sensitisation.

#### Mutagenicity

Insufficient data available to classify as a mutagen.

#### Carcinogenicity

Insufficient data available to classify as a carcinogen.

#### Reproductive

Toluene may damage fertility or the unborn child

#### STOT – single

#### exposure

Over exposure to methanol may result in acidosis and visual effects. Clinical symptoms include headache, dizziness, nausea, vomiting, abdominal pain, and laboured breathing. Symptoms may progress to coma and death from respiratory failure. Methanol exposure results in ocular effects ranging from mild photophobia, misty or blurred vision to markedly reduced visual acuity and total blindness (NICNAS).

#### STOT – repeated

#### exposure

Repeated exposure may result in kidney, liver and Central Nervous System (CNS) damage.

Damage to the optic nerves may occur with repeated exposure to methanol, causing visual problems and possible blindness.

#### Aspiration

Ingestion is considered unlikely due to product form.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

There is no data available on the preparation itself. Do not allow to enter drains and watercourses.

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## 12.2 persistence and degradability

No information provided.

## 12.3 Bioaccumulative potential

No information provided.

## 12.4 Mobility in soil

No information provided.

## 12.5 Other adverse effects

If aromatic hydrocarbons are released to soil, they will evaporate from near-surface soil & leach to groundwater. Biodegradation occurs in soil & groundwater but may be slow, especially at high concentrations, which can be toxic to microorganisms. Will exist largely as vapour in air. Half life in atmosphere depends on particular hydrocarbon (eg 1-2 days (xylene); 3hrs-1day (toluene)).

## 13. DISPOSAL CONSIDERATIONS

### 12.1 Waste treatment methods

**Waste disposal** For small amounts, absorb contents with sand or similar and dispose of to an approved landfill site. Do not puncture or incinerate aerosol cans. Contact the manufacturer for additional information (if required).

**Legislation** Dispose of in accordance with relevant local legislation.

## 14. TRANSPORT INFORMATION

CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE



	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG / IMO)	AIR TRANSPORT (IATA / ICAO)
14.1 UN Number	1950	1950	1950
14.2 Proper Shipping Name	AEROSOLS	AEROSOLS	AEROSOLS
14.3 Transport Hazard Class	2.1	2.1	2.1
14.4 Packing Group	None Allocated	None Allocated	None Allocated

**14.5 Environmental hazards** Not a marine pollutant

### 14.6 Special precautions for user

Hazchem code 2YE  
GTEPG 2D1  
EMS F-D, S-U

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

**Poison schedule** Classified as a Schedule 6 (S6) Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

**Classifications** Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals. The classifications and phrases listed below are based on the Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(2004)]

**Hazard codes**

F	Flammable
Repr.	Reproductive Toxin
T	Toxic
Xi	Irritant
Xn	Harmful

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<b>Risk phrases</b>	R11	Highly flammable
	R36/38	Irritating to eyes and skin
	R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
	R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
	R60	May impair fertility
	R61	May cause harm to the unborn child
	R66	Repeated exposure may cause skin dryness or cracking
	R67	Vapours may cause drowsiness and dizziness
<b>Safety phrases</b>	S16	Keep away from sources of ignition – No smoking.
	S23	Do not breathe gas/fumes/vapour/spray (where applicable)
	S24/25	Avoid contact with skin and eyes.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	S28	After contact with skin, wash immediately with plenty of water
	S36/37/39	Wear suitable protective clothing, gloves and eye/face protection
	S46	If swallowed, contact a doctor or Poisons Information Centre immediately and show container or label
<b>Inventory listing(s)</b>	AUSTRALIA: AICS (Australian Inventory of Chemical Substances) All components are listed on AICS, or are exempt.	

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## 16. OTHER INFORMATION

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### Additional Information

AEROSOL CANS may explode at temperatures approaching 50°C

**SYNERGISM – ANTAGONISM:** Ingredients in this product may act together to aggravate or reduce adverse effects. Accordingly the time weighted average concentration (TWA) provided for single ingredients should be considered as a guide only and all due care exercised when handling.

**WORK PRACTICES – SOLVENTS:** Organic solvents may present both a health and flammability hazard. It is recommended that engineering controls should be adopted to reduce exposure where practicable (for example, if using indoors, ensure explosion proof extraction ventilation is available). Flammable or combustible liquids with explosive limits have the potential for ignition from static discharge. Refer to AS1020 (the control of undesirable static electricity) and AS1940 (the storage and handling of flammable and combustible liquids) for control procedures.

**EXPOSURE STANDARDS – TIME WEIGHTED AVERAGE (TWA) or WES (WORKPLACE EXPOSURE STANDARD) (NZ):** Exposure standards are established on the premise of an 8 hour work period of normal intensity, under normal climatic condition and where a 16 hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: Strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increase the exposure period and shorten the period of recuperation).

**PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:**

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

**HEALTH EFFECTS FROM EXPOSURE:**

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

<b>Abbreviations</b>	ACGIH	American Conference of Governmental Industrial Hygienists
	CAS #	Chemical Abstract Service Number-used to uniquely identify chemical compounds
	CNS	Central Nervous System
	EC No.	EC No – European Community Number
	EMS	Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods)
	GHS	Globally Harmonized System
	GTEPG	Group Text Emergency Procedure Guide
	IARC	International Agency for Research on Cancer
	LC50	Lethal Concentration, 50% / Median Lethal Concentration
	LD50	Lethal Dose, 50% / Medial Lethal Dose
	Mg/m <sup>3</sup>	Milligrams per Cubic Metre

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OEL	Occupational Exposure Limit
pH	Relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline)
ppm	Parts Per Million
STEL	Short-Term Exposure Limit
STOT-RE	Specific target organ toxicity (repeated exposure)
STOT-SE	Specific target organ toxicity (single exposure)
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
SWA	Safe Work Australia
TLV	Threshold Limit Value
TWA	Time Weighted Average

Date Of Preparation:	29 Apr 2016
Revision Number:	2
Changes in this revision:	Update to GHS SDS Standard
Prepared By:	VM

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This MSDS summarises product safety information at the date of issue, to the best of our knowledge, as a general guide. Treblex Industrial Pty Ltd cannot anticipate or control the conditions under which the product is used, so prior to usage each user must assess and control the risks associated with their use of this product. Users should also consult the relevant legislation governing the use and storage of this product. We make no warranties, express or implies, and assume no liability in connection with any use of information contained within this document. If clarification or further information is needed, the user should contact Treblex Industrial Pty Ltd.

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