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For Professional Results

Car Clean Products NZ Limited
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Crescent, Wiri - P O Box 97 948 - Manukau – Auckland 2241 - New Zealand

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product:	Tyre Dressing
Product Code:	TD
Product Use:	Shines tyres, rubber, plastic or vinyl surfaces. Ideal or engine bays, body mouldings and bumpers.
New Zealand Supplier:	Car Clean Products NZ Limited
Address:	33 Ha Crescent Wiri Auckland
Telephone:	09 250 0091
Fax Number:	09 250 0092
Emergency Telephone:	**0800 POISON (0800 764 766)**
Date of MSDS Preparation:	March 2019

Section 2. Hazards Identification

DANGER

Flammable Liquid Category 2	**H225 Highly flammable liquid and vapour**
Acute Oral Toxicity Category 4	**H304 May be fatal if swallowed and enters airways**

Potential Health Effects

Swallowed	Acute oral LD50 (rat) > expected to be > 2000mg/kg. Aspiration into the lungs may cause chemical pneumonitis which can be fatal
Eyes	Moderately irritating

Skin	Acute dermal LD50 (rat) expected to be > 2000 mg/kg. Expected to be a slight irritant. Prolonged or repeated contact may cause defatting of the skin which can lead to dermatitis
Inhalation	Acute LC50 (rat) expected to be > 5 mg/l. Narcotic at high vapour concentrations. Harmful: danger of serious damage to health by prolonged exposure. May cause serious nerve damage by prolonged exposure resulting in sensory loss

Section 3. Composition / Information on Ingredients

Ingredients	Proportion (% mass)	Cas No
Petroleum Naphtha	>50	64742-49-0
Polydimethylsiloxane	>10	63148-62-9
Hydro treated Light Naphtha	<10	
Non-hazardous ingredients	to 100	

Section 4. First Aid Measures

Routes of Exposure:

Eye	Flush with cold water for at least 15 minutes. Seek medical attention if problems persist.
Skin	If skin contact causes irritation remove contaminated clothing and wash thoroughly with soap and water
Ingestion	Do not induce vomiting. Give nothing by mouth. If patient continues to be distressed seek medical attention immediately. Aspiration to the lungs could cause chemical pneumonitis which can be fatal.
Inhalation	Remove to fresh air. If breathing is difficult seek medical attention immediately

Section 5. Fire Fighting Measures

Suitable Extinguishing media	Foam, Carbon Dioxide, Dry Chemical, Water Spray. Product will float on water and spread the fire.
Fire and Explosion hazards	Flammable liquid. Vapour accumulation could flash and/or explode if ignited

Fire Fighting Instructions	Fire fighters must use recommended protective equipment and self-contained breathing apparatus. Cool storage drums with water spray

Hazchem 3Y

Section 6. Accidental Release Measures

Land Spill or Leaks	Absorb small spills with sand, earth or commercial spill kit absorbent. Sweep into container labeled "flammable hazardous waste" and let evaporate away from sources of ignition or send to approved hazardous waste site. For large spills or leaks evacuate spill area and eliminate all ignition sources. Report spill to fire brigade. If possible remove leaking containers to a detached area wearing approved respirator and personal protection equipment. Bund spill area with inert material (e.g. sand, earth, etc.) and absorb with sawdust
Water Spill or Leaks	Product will float on water surface. Endeavour to skim film off surface. Stop water flow of spill or leak. For large spills try to isolate from sources of ignition above water surface.

Section 7. Handling and Storage

Handling Advice:	Avoid contact with skin and eyes. Do not breathe vapour. Extinguish naked flames. Remove ignition sources. No smoking. Evacuate the area of all non-essential personnel. Shut off leaks, if possible without personal risk
Storing Procedures:	Store away from excessive heat, vapour accumulation, sparks, flames, or a build up of static electricity. Avoid contact with strong oxidisers

Section 8 Exposure Controls / Personal Protection

Engineering Controls:	Use in well ventilated area away from all ignition sources.
Personal Protective Equipment:	It is advisable to wear PVC or nitrile gloves for label use. For bulk handling or transfer wear nitrile gloves, protective goggles, PVC apron and boots A well fitted respiratory mask with organic vapour cartridge is advisable NPF20.

Section 9 Physical and Chemical Properties

Physical State:	Orange Liquid
Odour:	hydrocarbon
Odour threshold	Data not available
pH:	Not applicable
Melting/Freezing point	Data not available
Initial Boiling Point	Typical 50-135C
Flash Point	Typical -30C
Flammability limits in air	1-7.5%(V)
Upper/Lower flammability	Data not available
Vapour Pressure	115 mmHg @ 25C
Vapour Density	670-755 kg/mm3 @ 15C
Relative Density	Data not available
Solubilities	Hydrocarbon solvents
Partition Coefficient	Data not available
Auto-ignition temperature	>200C
Decomposition Temperature	Data not available
Kinematic viscosity	Data not available
Particle characteristics	Data not available

Section 10. Stability and Reactivity

Chemical Stability	Flammable but chemically stable. Does not react or polymerise
Conditions to Avoid	Any ignition sources. Strong oxidisers, peroxides, nitrates etc.
Incompatibility	Temperatures above 43C, some plastics.
Hazardous Decomposition Products	Carbon monoxide, oxides of silicon in a fire.

Section 11 Toxicological Information

Acute Oral Toxicity	LD_{50} Rat (oral) expected to be > 2000mg/kg. Aspiration into the lungs may cause chemical pneumonitis which can be fatal
Acute Dermal Toxicity	Acute dermal LD50 (rat) expected to be > 2000 mg/kg.
Serious eye Damage	May irritate eyes.

Repiratory or Skin sensitation	Irritating to skin. Prolonged/repeated contact may cause defatting of the skin which can lead to dermatitis.
Germcell mutagenicity	Not expected to be mutagenic.
Carcinogenicity	Limited evidence of carcinogenic effect.
Reproductive toxicity	Causes foetotoxicity in animals at doses which produce other toxic effects.
Specific target organ toxicity - Single Exposure	No data available
Specific target organ toxicity - Repeated exposure	No data available
Aspiration Hazard	Acute LC50 (rat) expected to be >5 mg/l. Narcotic at high vapour concentrations. Harmful: Danger of serious damage to health by prolonged exposure resulting in sensory loss.

Section 12. Ecotoxicological Information

Environmental Precautions:

Ecological Toxicity	Toxic or harmful to aquatic and soil organisms

Environmental Fate:

Soil	Absorbs tp soil and has low mobility. Very slowly biodegradable. Silicone component likely to persist.
Bioaccumulation	*Has potential to bioaccumulate.*
Water	Will form a film on water the will persist at solid-water boundaries.
Environmental Exposure Limits	EEL_{water} Not set

Section 13. Disposal Considerations

Disposal Methods	Hazardous goods collection.
Precautions	Empty containers can retain fumes which will be flammable. Do not dispose of full or partially full container to landfill, drains or water courses.

Section 14 Transport Information

Road, Rail, Marine and Air Transport

UN No	:	1993
Proper Shipping Name:	:	FLAMMABLE LIQUID LFP N.O.S.
Dangerous Goods Class	:	3
UN Packing Group	:	II
Environmental Hazards	:	Solvent will rapidly degrade Silicone will persist.

Section 15 Regulatory Information

ERMA Approval No HSR002662
Surface coatings and colourants (Flammable)
3.1B Highly flammable liquid & vapour
6.1E Harmful if swallowed
6.3B Causes mild skin irritation
6.4A Causes eye irritation
6.9B May cause damage to organs
9.1B Toxic to aquatic life

Section 16 Other Information

Under the HSNO Regulations, for quantities of class 3.1B flammable liquids held on a site over ;

- 250L in containers > 5L or
  500 L in containers < 5L a certificated approved handler is required to be available
- 100L in containers > 5L or 250 L in containers < 5L, or 50L continuously open a Location Test Certificate for storage is required
- 250L hazchem site signage is required
- 250L an emergency response plan is required

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Supplied in 20lt, 200lt containers. Code: TD20, TD9.

The information herein is given in good faith, but no warranty, express or implied is made.

Please contact the New Zealand proprietor, Car Clean Products NZ Limited
Phone: 09 250 0091, if further information is required.

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TYRE DRESSING

PURPOSE:
Tyre Dressing economically and quickly shines tyres, rubber, plastic or vinyl surfaces. Ideal for engine bays, body mouldings and bumpers.

DIRECTIONS:
Clean and dry the surface. Paint, wipe or spray Tyre Dressing over the area
being treated. After allowing Tyre Dressing a few minutes to penetrate buff or
wipe off the excess to the desired shine.

WARNING:
Harmful if swallowed, inhaled or absorbed through the skin. May cause skin and eye irritation.

DANGER:
GIVES OFF A HIGHLY FLAMMABLE VAPOUR. Keep well away from heat, sparks and an open flame. Keep closed when not in use.

KEEP OUT OF REACH OF CHILDREN.