

SAFETY DATA SHEET

Section 1 - PRODUCT IDENTIFIER/CHEMICAL IDENTITY

- 1.1 PRODUCT IDENTIFIER:** Tyre Shine
- 1.2 PRODUCT CODE:** CCTS020
- 1.3 RELEVANT IDENTIFIED USES OF THE MIXTURE AND USES ADVISED AGAINST:**
RELEVANT IDENTIFIED USES: Automotive care product
RESTRICTIONS ON USE: None known
- 1.4 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:**
SUPPLIER NAME: PENRITE OIL Company Pty Ltd (ABN: 25005 001 525)
ADDRESS (Australia): 110-116 Greens Rd, Dandenong South, VIC, Australia, 3175
TELEPHONE (Australia): 1300 736 748; +61 3 9801 0877; Fax 1800 736 748

ADDRESS (New Zealand): 75 Lady Ruby Dr, East Tamaki, Auckland, New Zealand, 2013
TELEPHONE (New Zealand): 0800 533 698; Fax 0800 533 698

EMAIL: tech@penriteoil.com (Aust and NZ)
- 1.5 EMERGENCY TELEPHONE:** Australia: 1300 736 748 New Zealand: 0800 533 698
Poisons information Centre: Australia: 131 126 New Zealand: 0800 764 766
- 1.6 HSNO APPROVAL NUMBER:** HSR002530
HSNO GROUP TITLE: Cleaning Products (Subsidiary Hazard) Group Standard, 2006

Section 2 - HAZARD(S) IDENTIFICATION

- 2.1 CLASSIFICATION OF THE HAZARDOUS CHEMICAL:**
GHS CLASSIFICATION HAZARD CLASS AND CATEGORY: Under the model work Health and Safety Regulations (Safe Work Australia), the product would be classified as hazardous.
- 2.2 LABEL ELEMENTS INCLUDING PRECAUTIONARY STATEMENTS:**
SIGNAL WORD: Danger
PICTOGRAMS:



GHS02

GHS08

HAZARD STATEMENTS: Flam. Liq. Cat. 4 – H225
Skin Corr. Cat. 2 – H315

Asp. Tox. Cat. 1 – H304

PRECAUTIONARY STATEMENTS:

Keep away from heat/sparks/open flames/hot surfaces. – No smoking – P210

Wear protective gloves and eye/ face protection – P280

PREVENTION: Not Applicable

RESPONSE: Not Applicable

STORAGE: Not Applicable

DISPOSAL: Not Applicable

2.3 OTHER HAZARDS: Excessive exposure may result in mild irritation to the skin or respiratory system as well as possible irritation to the eye. People with pre-existing skin conditions, such as eczema or dermatitis, should take precautions so as not to exacerbate the condition. As for all chemical products, persons should not expose open wounds, cuts, abrasions or irritated skin to this material.

Section 3 - COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS	CONC (%W/W)	GHS	Code
Hydrotreated light distillate	64742-47-8	>70	Asp. Tox. Cat. 1	H304
Silicone Oil	63148-62-9	<25	Non hazardous	
Isohexane	107-83-5	<8	Flam. Liq. Cat. 2	H225
			Asp. Tox. Cat. 1	H304
			Skin Irrit. Cat. 2	H315
			STOT SE Cat. 3	H336
			Aq. Chronic. Cat. 2	H411
other ingredients		up to 100	Non hazardous	

Section 4 - FIRST AID MEASURES

4.1 DESCRIPTION OF NECESSARY FIRST AID MEASURES:

INGESTION: Rinse mouth out with water. Due to the blend of ingredients present, the manufacturer recommends that if swallowed, do NOT induce vomiting. For advice, contact a Poisons Information Centre (Phone Australia 131 126; New Zealand 0800 764 766) or a doctor at once. If irritation develops or persists or vomiting has occurred after ingestion, seek medical assistance taking the Safety Data Sheet with you.

EYE: If in eyes, hold eyelids apart and flush the eye immediately with large amounts of running water. Continue flushing for at least 15 minutes or until advised to stop by a Doctor. Check for contact lenses. If there are contact lenses, these should be removed after several minutes of rinsing by the exposed person or medical personnel if it can be done easily. After flushing, if irritation develops or persists, seek medical assistance.

SKIN CONTACT: Generally the product does not irritate the skin. Wash the areas of skin affected with water and a mild detergent. If irritation develops or persists, consult a Doctor.

INHALATION: If overcome by exposure, remove person to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. **Prompt action is essential!**

PROTECTION FOR FIRST AIDERS: No special measures required, however, no personnel shall place themselves in a situation that is potentially hazardous to themselves. Always ensure that you are wearing gloves when dealing with first aid procedures involving chemicals and/or blood.

FIRST AID FACILITIES: Eye wash fountain and safety showers are recommended in the area where the product is used.

4.2 MOST IMPORTANT SYMPTOMS & EFFECTS, BOTH ACUTE & DELAYED, CAUSED BY EXPOSURE:

ACUTE: No further relevant information available.

CHRONIC: No further relevant information available.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NECESSARY:

ADVICE TO DOCTOR: Treat symptomatically. If vomiting has occurred after ingestion, the patient should be monitored to ensure that aspiration into the lungs has not occurred.

Section 5 - FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA:

SUITABLE MEDIA: Dry chemical, CO₂ and water spray.

UNSUITABLE MEDIA: No relevant information available.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

COMBUSTION HAZARDS: Thermal decomposition may produce carbon monoxide and toxic vapours.

5.3 ADVICE FOR FIRE FIGHTERS

FIRE: This product is flammable under conditions of use. Keep storage tanks, pipelines, fire exposed surfaces, etc. cool with water spray. Flash point is 85 °C.

HAZCHEM CODE: Not Applicable.

EXPLOSION: No indicative information of product being an explosive hazard. Extinguish all sources of flame or spark.

PROTECTIVE EQUIPMENT: In the event of a fire, wear full protective clothing and self-contained breathing equipment with full-face piece operated in the pressure demand or other positive pressure mode.

Section 6 - ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

PERSONAL PROTECTION: Restrict access to area affected until clean-up is completed. Use personal protective equipment as detailed in section 8. Do not touch spilled material. Emergency equipment should be available. Notify appropriate authorities.

CONTROL MEASURES: No relevant information available.

EMERGENCY PROCEDURES: No relevant information available.

6.2 ENVIRONMENTAL

PRECAUTIONS:

SPILL ADVICE: Do not allow product to enter drains, surface water, sewers or watercourses – inform local authorities if this occurs. Depletion of oxygen in the water will occur.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

CONTAINMENT: Contain the spill and absorb with a proprietary absorbent material, sand or earth. For large spills prepare a bund/barrier/dyke ahead of the spill to confine the spill and allow later recovery. If there is the possibility of spills to enter drains, surface water, sewers or watercourses ensure bunding, or that drains are covered, to minimise the potential for this to occur.

CLEANING PROCEDURES: Having contained the spill, as mentioned above collect all material quickly and place used absorbent in suitable containers. Follow local regulations for the disposal of waste. For large spills that have been banded, the material can be pumped into vessels and returned for reprocessing or destruction. Personnel must wear gloves, goggles or glasses, boots and full-length clothing during cleaning procedures. Wash contaminated area and objects with detergent and water after spill has been cleared. Rinse the cleaned area with water. Do not allow wash water or rinsings to enter drains, surface water, sewers or water courses.

Section 7 - HANDLING AND STORAGE, INCLUDING HOW THE CHEMICAL MAY BE SAFELY USED

7.1 PRECAUTIONS FOR SAFE HANDLING:

SAFE HANDLING: Keep containers tightly closed when not in use. Use with adequate ventilation. Avoid contact with eyes. If splashing is likely to occur wear a full face visor or chemical goggles as appropriate. Avoid frequent or prolonged skin contact. Wear PVC or similar gloves.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

SAFE STORAGE: Store in a dry, well ventilated area away from direct sunlight, preferably at 20 °C. Keep containers closed when not in use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

INCOMPATIBILITIES: Strong oxidizers, sparks.

Section 8 - EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 EXPOSURE CONTROL MEASURES:

TWA: 100 mg/m³

EXPOSURE LIMIT VALUES: Exposure standards for the product have not been established.

8.2 BIOLOGICAL MONITORING: No data available

8.3 CONTROL BANDING: No data available

8.4 ENGINEERING CONTROLS: Special ventilation is not normally required when using this product in normal use scenarios. However, in the operation of certain equipment, at elevated temperatures, or in confined spaces - mists or vapour may be generated and local exhaust ventilation should be provided to maintain airborne levels that does not cause irritation.

8.5 INDIVIDUAL PROTECTION MEASURES:

EYE & FACE PROTECTION: Wear safety glasses/goggles is not required, however, a face shield can be used. Use eye protection devices in accordance with AS 1336 and AS 1337.

SKIN (HAND) PROTECTION: Wear gloves to provide hand protection if necessary. PVC, Neoprene or Nitrile rubber gloves are recommended or any other impervious types.

SKIN (CLOTHING) PROTECTION: During normal operating procedures, long sleeved clothing is recommended to avoid skin contact. Soiled clothing should be washed with detergent prior to re-use.

RESPIRATORY PROTECTION: During routine operation a respirator is generally not required. Use respirators, if mists and the like is present, in accordance with AS 1715 and AS 1716.

THERMAL PROTECTION: Not Applicable

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	Colourless
ODOUR:	Slight
ODOUR THRESHOLD:	No data available
pH:	4.0 – 5.0
MELTING/FREEZING POINT:	No data available
INITIAL BOILING POINT:	No data available
BOILING RANGE (°C):	No data available
FLASH POINT (°C):	85 °C
EVAPORATION RATE:	No data available
FLAMMABILITY LIMITS (%):	No data available
VAPOUR PRESSURE (mmHg):	Below 0.1 mmHg at 20 °C
VAPOUR DENSITY:	No data available
DENSITY (g/mL @ 15 °C):	0.8050 – 0.8250 g/cm ³
SOLUBILITY IN WATER (g/L):	No data available
PARTITION COEFFICIENT:	No data available
AUTO-IGNITION TEMP (°C):	No data available
DECOMPOSITION TEMP (°C):	Not data available
VISCOSITY (cSt @ 40 °C):	No data available
VISCOSITY (cSt @ 100 °C):	No data available

Section 10 - STABILITY AND REACTIVITY

- 10.1 REACTIVITY:** The product does not pose any further reactivity hazards other than those listed in the following sub-sections.
- 10.2 CHEMICAL STABILITY:** Stable under recommended storage and handling conditions (see section 7)
- 10.3 POSSIBILITY OF HAZARDOUS REACTION:** Keep away from strong oxidising agents. Hazardous polymerisation does not occur.
- 10.4 CONDITIONS TO AVOID:** Avoid heat, sparks, open flame and other ignition sources.
- 10.5 INCOMPATIBLE MATERIALS:** Not available.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS: See Section 5.2 for Hazardous Combustion products.

Section 11 - TOXICOLOGICAL INFORMATION

- 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:** The product is a mixture and test data is not available for the product as a whole.
- 11.2 ACUTE TOXICITY:**
IF SWALLOWED: Irritation, vomiting, headache, dizziness, orientation loss, pulmonary congestion.
EYE: May be mildly irritating to the eyes.
SKIN: May be mildly irritating to the skin.
INHALED: Toxic if inhaled.
- 11.3 SKIN/CORROSION/IRRITATION:** This product may exhibit Dermal Corrosivity/Irritation.
- 11.4 SERIOUS EYE DAMAGE/IRRITATION:** This product may exhibit Eye Irritation.
- 11.5 RESPIRATORY OR SKIN SENSITISATION:** This product is toxic if inhaled, may be fatal. This product is not expected to be a skin sensitiser
- 11.6 GERM CELL MUTAGENICITY:** This product is not expected to be mutagenic.
- 11.7 CARCINOGENICITY:** This product is not expected to be a carcinogen.
- 11.8 REPRODUCTIVE TOXICITY:** This product is not expected to be a reproductive hazard.
- 11.9 SPECIFIC TARGET ORGAN TOXICITY (STOT) SINGLE EXPOSURE** This product may cause organ damage from a single exposure.
- 11.10 SPECIFIC TARGET ORGAN TOXICITY (STOT) REPEATED EXPOSURE:** This product may cause organ damage from prolonged or repeated exposure.
- 11.11 ASPIRATION HAZARD:** This product is an aspiration hazard.
- 11.12 OTHER INFORMATION:** No additional data is available.

Section 12 - ECOLOGICAL INFORMATION

- 12.1 ECOTOXICITY:** There is no data available for the product as a whole. Based upon calculated values, the overall product would not be expected to be rated.
- 12.2 PERSISTENCE & DEGRADABILITY:** No Expected to be readily biodegradable.
- 12.3 BIOACCUMULATIVE POTENTIAL:** Expected to bio accumulate.
- 12.4 MOBILITY IN SOIL:** No information is available.
- 12.5 OTHER ADVERSE EFFECTS:** There is no data available for the product as a whole. The product is miscible in water.

Section 13 - DISPOSAL CONSIDERATION

- 13.1 DISPOSAL METHODS:**
PRODUCT: The product should not be released to the environment, so any unused material should be recycled wherever possible or be disposed of as hazardous waste at an

appropriate collection depot. Spilled product that cannot be recovered should be absorbed and then shovelled into a suitable waste container, such as a plastic drum and then be treated as a solid waste. Follow Government regulations for disposal of such waste. All unused, waste or spilled product must be taken for recycling or disposal by suitably licensed contractors in accordance with Government regulations.

CONTAINERS: Empty containers may contain residual product. They should be completely drained and then stored until reconditioned or disposed of. Empty containers should be taken for recycling or disposal through suitably licensed contractors in accordance with Government regulations.

Section 14 - TRANSPORT INFORMATION

This product is not regulated for land, sea or air transportation.

14.1	LAND (ADG Code):	Not applicable
	UN NUMBER:	Not applicable
	UN PROPER SHIPPING NAME:	Not applicable
	TRANSPORT HAZARD CLASS(ES):	Not applicable
	PACKAGING GROUP:	Not applicable
	ENVIRONMENTAL HAZARDS:	Not applicable
	SPECIAL PRECAUTIONS FOR USER:	Not applicable
	HAZCHEM CODE:	Not applicable
14.2	SEA (IMDG):	Not applicable
	UN NUMBER:	Not applicable
	UN PROPER SHIPPING NAME:	Not applicable
	TRANSPORT HAZARD CLASS(ES):	Not applicable
	PACKAGING GROUP:	Not applicable
	ENVIRONMENTAL HAZARDS:	Not applicable
	SPECIAL PRECAUTIONS FOR USER:	Not applicable
14.3	AIR (IATA):	Not applicable
	UN NUMBER:	Not applicable
	UN PROPER SHIPPING NAME:	Not applicable
	TRANSPORT HAZARD CLASS(ES):	Not applicable
	PACKAGING GROUP:	Not applicable
	ENVIRONMENTAL HAZARDS:	Not applicable
	SPECIAL PRECAUTIONS FOR USER:	Not applicable

Section 15 - REGULATORY INFORMATION

15.1	SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS:	
	APPLICABLE REGULATIONS:	
	SUSMP:	Schedule 5
	AICS:	All ingredients are listed in the AICS list
	MONTREAL PROTOCOL:	Not applicable
	STOCKHOLM CONVENTION:	Not applicable
	ROTTERDAM CONVENTION:	Not applicable

BASEL CONVENTION: Not applicable
INTERNATIONAL CONVENTION FOR THE PREVENTION OF POLLUTION FROM SHIPS (MARPOL): Not determined
OTHER REGULATORY INFORMATION:
GHS CLASSIFICATION HAZARD CLASS & CATEGORY AND HAZARD STATEMENT:

Flam. Liq. Cat. 2	H225	Flammable liquids
Asp. Tox. Cat. 1	H304	May be fatal if swallowed and enters airways
Skin Irrit. Cat. 2	H315	Causes skin irritation
STOT SE Cat. 3	H336	May cause drowsiness or dizziness
Aq. Chronic. Cat. 2	H411	Toxic to aquatic life with long lasting effects

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Section 16 - ANY OTHER RELEVANT INFORMATION

16.1 SDS INFORMATION:

16.2 Date of SDS Preparation: 16th August 2016

16.3 REVISION CHANGES: Update Aust/NZ address details (Sect.1), Rev 1.1

16.4 ACRONYMS:

SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
CAS Number	Chemical Abstract Service Registry Number
EINECS	European Inventory of Existing Commercial Chemical Substances
UN Number	United Nations Number
OSHA	Occupational Safety and Health Administration
ACGIH	American Conference of Governmental Industrial Hygienists
IMDG	International Maritime Dangerous Goods
IATA	International Air Transport Association
IUCLID	International Uniform Chemical Information Database
RTECS	Registry of Toxic Effects of Chemical Substances
% W/W	Percent weight for weight
OECD	Organisation for Economic Co-Operation and Development
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail
HAZCHEM Code	Emergency action code of numbers and letters which gives information to emergency services
NOHSC	National Occupational Health and Safety Commission
AICS	Australian Inventory of Chemical Substances

Product: Penrite Oil Tyre Shine

Issue Date: 16th Aug 2016

Revision: 1.1

TWA	Time – Weighted Average
STEL	Short term Exposure Limit
HSNO	Hazardous Substances and New Organisms Act 1996
GHS	Globally Harmonised System of Classification and Labelling of Chemicals
WHS	Work Health and Safety
PPE	Personal Protective Equipment.

All information contained in this Safety Data Sheet and the health, safety and environmental information are considered to be accurate to the best of our knowledge as of the issue date specified above. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the data and information contained in this data sheet. Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The Company accepts no responsibility for any injury, loss or damage, resulting from abnormal use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material.