

SAFETY DATA SHEET

Tyre Shine

Date of issue: 8 February 2024
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1. Identification of the Substance and Supplier.

Product name: Tyre Shine

Product use: Restore appearance of faded tyres

Company Details: H.O. Wiles Limited
P.O. Box 13-2215
Auckland 1644
New Zealand
Bar's Leaks Australia LP
P.O. Box 2623
Taren Point NSW 2229
Australia

E-mail Address: admin@barsbugs.com admin@barsleaks.com.au

Telephone numbers: +64 9 270 2032 +61 2 9524 5236

Emergency Telephone: National Poisons Centre New Zealand Phone: 0800 POISON
(0800 764-766)
Poisons Information Centre Australia: 13 11 26

2. Hazards identification.



Classified as a hazardous substance according to the criteria in the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001 – Reprinted 2017.

This material is classified as hazardous according to the criteria of Safe Work Australia.

Classified as dangerous goods by the criteria of the Australian Code for the transport of Dangerous Goods (ADG) and in New Zealand, according to NZS 5433:2020 Transport of Dangerous Goods on Land.

GHS Categories: Aerosols – Category 1
Skin Irritation – Category 2
Specific Target Organ Toxicity Single Exposure – Category 3

Signal Word: DANGER

Hazard Statements:

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.

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Prevention Statements:

| | |
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| P102 | Keep out of reach of children. |
| P103 | Read carefully and follow all instructions. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P211 | Do not spray on an open flame or other ignition source. |
| P251 | Do not pierce or burn, even after use. |
| P261 | Avoid breathing fumes and spray. |
| P264 | Wash hands thoroughly after handling. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P280 | Wear protective gloves. |

Response Statements:

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| P101 | If medical advice is needed have product container or label at hand. |
| P302+P352 | IF ON SKIN: Wash with plenty of water. |
| P304+P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P312 | Call a POISON CENTRE if you feel unwell. |
| P321 | Specific treatment (See First Aid instruction on this label) |
| P332+P313 | If skin irritation occurs: Get medical advice. |
| P362+P364 | Take off contaminated clothing and wash it before reuse. |

Storage Statements:

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

Disposal Statements:

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| P501 | Dispose of container should be made in accordance with all applicable regional, national and local laws and regulations. |
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3. Composition/Information on Ingredients

| Ingredient | CAS Number | Content (% w/w) |
|--|------------|-----------------|
| Solvent naphtha (petroleum), light aliphatic | 64742-89-8 | 30 – 60% |
| Propane | 74-98-6 | 10 – 30% |
| Butane | 106-97-8 | 10 – 30% |
| Hexane | 110-54-3 | < 10% |
| Benzene | 71-43-2 | < 1% |
| Non-hazardous materials | - | Balance |

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4. First aid measures

| | |
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| General Advice: | Treat according to person's condition and specifics of exposure. Treat symptomatically. For further information, the medical practitioner should refer to the phone numbers in Section 1. |
| Inhalation: | Move affected person from contaminated area to fresh air. Keep at rest until recovered Obtain medical attention if symptoms develop and/or persist. If not breathing give artificial respiration. |
| Ingestion: | Never give anything by mouth to an unconscious person. If swallowed do NOT induce vomiting, immediately contact the NZ National Poison Centre (0800 764 766) or a doctor. |
| Skin Contact: | Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention. |
| Eye Contact: | Immediately flush with water continuously for 15 minutes whilst holding eyelids apart. Remove contact lenses if present and easy to do. Continue rinsing until all contaminants are removed if irritation persists seek medical advice/attention. |

5. Fire-fighting measures

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| Extinguishing media | In case of fire, use carbon dioxide, dry chemical, foam or water spray. |
| Hazardous combustion products | Under fire conditions this product may emit toxic and/or irritating fumes of carbon and nitrogen oxides. |
| Precautions for Firefighters | Firefighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. In case of fire the product may be violently or explosively reactive. Use water spray to disperse vapours. This product should be prevented from entering drains and watercourses. |

6. Accidental release measures

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| Spills and Disposal | In the event of a major spill, extinguish or remove all sources of ignition and stop leak if safe to do so. Absorb spillage with dry sand or vermiculate. Sweep up and shovel using spark proof equipment into appropriately labelled containers for recycling or salvage and dispose of promptly. Consider vacuuming if appropriate. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters sewers or waterways, advise emergency services and relevant authorities immediately. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry. |
| Personal Protection | Wear full protective chemically resistant clothing including eye/face protection, gauntlets. See below under Personal Protection regarding Australian Standards relating to personal protective equipment. Suitable materials for protective clothing include rubber, Nitrile, butyl rubber, neoprene. Eye/face protective equipment should comprise as a minimum, protective goggles. |

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Environmental precautions Prevent spilled material from entering drains/surface waters/groundwater. If contamination has occurred, advise local emergency services.

7. Handling and storage

Precautions for safe handling FLAMMABLE VAPOUR OR GAS REDUCES OXYGEN FOR BREATHING. IN CONFINED SPACES MAY CAUSE ASPHYXIATION. Wear appropriate personal protective equipment and clothing to prevent exposure. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under 'Storage' should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10. Ground/bond container and receiving equipment. Use explosion proof electrical/ventilation/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Electrostatic discharge may cause fire.

Conditions for safe storage Store in a cool, dry well-ventilated area away from sources of ignition, oxidising agents, foodstuffs, clothing and out of direct sunlight. Do not expose to temperatures exceeding 50°C. Protect containers against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers in and near the storage area. Do NOT pressurise, cut or heat aerosol containers. Contents are under pressure and can explode violently. Make sure that the product does not come into contact with substances listed under 'Incompatibilities' in Section 10. Check packaging - there may be further storage instructions on the label.

8. Exposure controls/personal protection

Workplace exposure standards Exposure standards have been established for the following ingredients in this product by Worksafe New Zealand.

| Ingredient | CAS No. | TWA (mg/m ³) | STEL (mg/m ³) |
|------------|----------|--------------------------|---------------------------|
| Propane | 74-98-6 | Simple asphyxiant | |
| Butane | 106-97-8 | 1900 | - |
| Hexane | 110-54-3 | 75 | - |
| Benzene | 71-43-2 | 0.16 | - |

Appropriate engineering controls This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers breathing zone. A flame-proof exhaust ventilation system is required. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn. Refer to relevant regulations for further information concerning ventilation requirements. Refer to AS/NZS 2865:2001 for further information concerning ventilation requirements.

Personal protective equipment Respiratory – If engineering controls are not effective in controlling airborne exposure, then an approved respirator with a replaceable filter that complies with AS/NZS 1715:2009.

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Eye/Face – Protective glasses or goggles that comply with AS/NZS 1336:2014.
Skin – Protective gloves that comply with AS/NZS 2161.2:2020.

9. Physical and chemical properties

| | |
|---------------------------|----------------------------------|
| Appearance | Aerosol. |
| Colour | No data available. |
| Odour | Characteristic of paint thinners |
| pH @ 20°C | No data available. |
| Specific Gravity | 0.85g/mL @20°C |
| Viscosity @ 20°C | No data available. |
| Freezing Point | No data available. |
| Boiling Point | No data available. |
| Flash Point | 60°C |
| Flammability | Flammable. |
| Explosive Limits | No data available. |
| Vapour Pressure | No data available. |
| Vapour Density | No data available. |
| Solubility | No data available. |
| Partition Coefficient | No data available. |
| Auto-ignition Temperature | No data available. |
| Decomposition Temperature | No data available. |

10. Stability and reactivity

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|---------------------------------|---|
| Chemical Stability | Stable under normal conditions of handling and storage. |
| Incompatible materials | Oxidising agents. |
| Hazardous decomposition product | Combustion forms carbon dioxide and toxic oxides of nitrogen. If combustion is incomplete carbon monoxide and possibly smoke is formed. Water is also formed. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment and unconsciousness followed by coma and death. |
| Hazardous polymerisation | This product will not undergo polymerisation reactions. |

11. Toxicological information

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|----------------|--|
| Acute Toxicity | Inhalation of product vapours may cause irritation of the nose, throat and respiratory system. Propane and butane are asphyxiant gases which when present in an atmosphere in high concentration, leads to reduction of oxygen concentration by displacement or dilution. Symptoms include decreased visual acuity, decreased coordination and judgment, headache, dizziness, confusion, drowsiness, fatigue, shortness of breath, muscular weakness, |
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| Skin | convulsions, unconsciousness, coma and eventually death. |
| Corrosion/Irritation | Hexane is irritating to the skin. Exposed skin must be washed well with water. |
| Serious Eye Damage | No information available. |
| Respiratory or Skin Sensitisation | No information available. |
| Germ Cell Mutagenicity | No information available. |
| Carcinogenicity | No information available. |
| Reproductive Toxicity | No information available. |
| STOT – Single Exp. | Propane and Butane are simple asphyxiant which if concentrated and inhaled or used in a confined space may lead to narcotic effects. |
| STOT – Repeat. Exp. | No information available. |
| Aspiration Hazard | The level of Hexane in this formulation presents an Aspiration Hazard if small amounts of liquid are aspirated into the respiratory system during ingestion or vomiting. |

12. Ecological information

| | |
|--------------------------------------|--------------------|
| Ecotoxicity | No data available. |
| Persistence and degradability | No data available. |
| Bioaccumulation | No data available. |
| Mobility | No data available. |

13. Disposal considerations

| | |
|--------------------------------|--|
| Disposal Considerations | Dispose of waste according to applicable local and national regulations. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations. Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. To minimise personal exposure to the chemical, refer to Section 8 – Exposure controls and personal protection. |
| Suggested Precautions | Do not pierce, burn, cut, puncture or weld on or near containers. Empty containers may contain hazardous residues. Empty the container completely before disposal. Contaminated containers must not be treated as household waste. Advise flammable nature. |

14. Transport information

Classified as a Dangerous Good according to NZS 5433:2020 Transport of Dangerous Goods on Land & Dangerous Goods Rule 2005. Regulated for transport of Dangerous Goods: ADG, UN, IATA, IMDG. Meets the definition of a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

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UN Number: 1950
Proper shipping name: AEROSOLS, asphyxiant.
Class: 2.1
Hazchem code: 3Y
EmS Codes: F-D I S-U
Marine Pollutant: No

15. Regulatory information

Classified as a hazardous substance according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001 – Reprinted 2017:

HSR002515, Aerosols Flammable Group Standard 2020.

All components of this material are listed on, or exempt from, the New Zealand Inventory of Chemicals (NZIOC) and the Australian Inventory of Chemical Substances (AICS).

HSNO Controls – Trigger quantities for this substance

| | Trigger Quantity |
|--|-----------------------------------|
| Certified Handler | Not required |
| Location Certificate | 3,000L (aggregate water capacity) |
| Tracking Trigger Quantities | Not applicable |
| Signage Trigger Quantities | 3,000L (aggregate water capacity) |
| Emergency Response Plan Trigger Quantities | 3,000L (aggregate water capacity) |

16. Other information

SDS Version Number: 1.0

SDS Effective Date: 8 February 2024

SDS Review Date: 8 February 2029

SDS Regulation: The content and format of this SDS is in accordance with HSNO Approved Code of Practice (No. HSNO COP 8-1 09-06): Preparation of Safety Data Sheets.

| | |
|--------|---|
| AS | Australian Standard |
| AS/NZS | Joint Australian/New Zealand Standard |
| EEL | Environmental Exposure Limit |
| HSNO | Hazardous Substances and New Organisms Act 1996 |
| NZS | New Zealand Standard |
| TEL | Tolerable Exposure Limit |
| WES | Workplace Exposure Standard |

This SDS is the first version for Tyre Shine. It summarises our best knowledge of the health and safety hazard information of the product. All users should read this SDS and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products. Since the actual use of this product is beyond the control of H. O. Wiles Ltd, we make no warranty, expressed or implied, concerning the use of this product. It is the responsibility of users to ascertain that the product is suitable for intended applications.