

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Tyre Shine

Use: For polishing tyres. For best results clean tyre before using tyre shine

Supplier: Midland Chemicals
ABN: 91 622 018 986

Street Address: 18 Elliott Street
Midvale
Western Australia

Telephone Number: +61 08 9274 1992

Facsimile: +61 08 9250 1710

Emergency Telephone: **1 800 033 111 (ALL HOURS)**

2. HAZARDS IDENTIFICATION

Based on available information, not classified as hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Poisons Schedule: N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion
Bronopol	52-51-7	<0.02%
Ingredients determined not to be hazardous including water.		Up to 100%

4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor at once.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If respiratory symptoms persist, get medical advice/attention. Apply resuscitation if victim is not breathing - Administer oxygen if breathing is difficult.

Skin Contact: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs, get medical advice/attention.

Eye Contact: Immediately flush eyes with running water for several minutes, holding eyelids open and occasionally lifting the upper and lower lids. Remove contact lenses if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists, get medical advice/attention.

SAFETY DATA SHEET

Ingestion: Rinse mouth, then drink a glass of water. Do not induce vomiting. Get medical advice/attention if you feel unwell.

Medical attention and special treatment:
Treat symptomatically.

5. FIRE FIGHTING MEASURES

General Measures: If safe to do so, move undamaged containers from fire area. Cool containers with water spray until well after fire is out.

Flammability Conditions: Combustible liquid; May burn but does not ignite readily

Extinguishing Media: Use dry chemical, Carbon dioxide (CO₂), alcohol-resistant foam or water spray for extinction - Do not use water jets.

Fire and Explosion Hazard: Containers may explode when heated. *Oil soaked rags can cause spontaneous combustion if not handled properly. Before disposal, wash rags with soap and water and dry in a well-ventilated area

Hazardous products of combustion:
Fire may produce irritating, toxic and/or corrosive fumes, including oxides of Carbon.

Special Fire Fighting Instructions:
Contain runoff from fire control or dilution water - Runoff may pollute waterways.

Personal Protective Equipment:
Wear self-contained breathing apparatus (SCBA) and chemical splash suit. SCBA and structural firefighter's uniform may provide limited protection.

Flash Point: >176°C

Lower Explosion Limit: No Data Available

Upper Explosion Limit: No Data Available

Auto Ignition Temperature: No Data Available

Hazchem Code: No Data Available

6. ACCIDENTAL RELEASE MEASURES

General Response Procedure:
Ensure adequate ventilation. ELIMINATE all ignition sources. Do not touch or walk through spilled material - Greasy nature will result in a slippery surface. Avoid breathing vapours and contact with eyes, skin and clothing.

Clean Up Procedures:
Recover large spills for salvage or disposal. Absorb with earth, sand or other non-combustible material and transfer to a suitable container for disposal (see SECTION 13).

Containment:
Stop leak if safe to do so - Prevent entry into waterways, drains or confined areas.

Decontamination:

SAFETY DATA SHEET

Wash hard surfaces with detergent to remove remaining oil film.

Environmental Precautionary Measures:

Prevent entry into drains and waterways.

Evacuation Criteria:

Spill or leak area should be isolated immediately. Keep unauthorised personnel away.

Personal Precautionary Measures

Use personal protective equipment as required (see SECTION 8).

7. HANDLING AND STORAGE

Conditions for safe storage:

Store in a cool, dry and well-ventilated place, out of direct sunlight. Keep container tightly closed. Protect against physical damage. Protect from moisture (hygroscopic). Keep away from heat and sources of ignition - No smoking. Keep away from incompatible materials (see SECTION 10).

Precautions for safe handling:

Safety showers and eyewash facilities should be provided within the immediate work area for emergency use. Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapours and contact with eyes, skin and clothing. Do not ingest. Use personal protective equipment as required (see SECTION 8).

Container:

Keep in the original container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

General:

For Glycerin mist (CAS No. 56-81-5):

- Safe Work Australia Exposure Standard: TWA = 10 mg/m³.
- New Zealand Workplace Exposure Standard: TWA = 10 mg/m³.

Exposure Limits:

No exposure standards have been established for this material by Safe Work Australia. However, over exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels. As with all chemicals, exposure should be kept to the lowest possible levels.

Biological Limits:

No information available

Engineering measures:

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

Personal Protective Equipment:

- Respiratory protection: In case of inadequate ventilation, wear respiratory protection. Recommended: Organic vapour/particulate filter respirator (refer to AS/NZS 1715 & 1716).
- Eye/face protection: Wear appropriate eye protection to avoid eye contact. Recommended: Safety glasses or goggles.
- Hand protection: Handle with gloves. Recommended: Impervious gloves.
- Skin/body protection: Wear appropriate personal protective clothing to avoid skin contact. Recommended: Overalls, safety shoes.

SAFETY DATA SHEET

Special Hazard Precautions:

Vapour heavier than air - prevent concentration in hollows or sumps. Do NOT enter confined spaces where vapour may have collected.

Work Hygienic Practices:

Do not eat, drink or smoke when using this product. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Colour: Clear to slightly yellowish

Solubility: Miscible in water.

Specific Gravity: Not Available

Relative Vapour Density (air=1): Not available

Vapour Pressure (20 °C): Not available

Flash Point (°C): >176°C

Flammability Limits (%): Not applicable

Auto Ignition Temperature (°C): Not applicable

Boiling Point/Range (°C): 100->130°C

pH: 6-8

Non Flammable that could contribute unusual hazards to a fire:

Oil soaked rags can cause spontaneous combustion if not handled properly. Before disposal, wash rags with soap and water and dry in a well-ventilated area.

Properties That May Initiate or Contribute to Fire Intensity:

Combustible liquid; May burn but does not ignite readily

Reactions that release gases or vapours:

Fire/decomposition may produce irritating, toxic and/or corrosive fumes, including oxides of Carbon.

10. STABILITY AND REACTIVITY

General Information:	May react violently with acetic anhydride, calcium oxides, chromium oxides and alkali metal hydride.
Chemical stability:	This product is stable. Able to polymerise above 149 °C.
Conditions to avoid:	Keep away from heat and sources of ignition.
Incompatible materials:	Incompatible/reactive with strong oxidisers and strong acids.
Hazardous decomposition products:	Fire/decomposition may produce irritating, toxic and/or corrosive fumes, including oxides of Carbon.
Hazardous reactions:	Hazardous polymerization will not occur.

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:

SAFETY DATA SHEET

Ingestion:	No adverse effects expected; large amounts may cause gastrointestinal irritation, nausea and vomiting.
Eye contact:	May cause eye irritation.
Skin contact:	Repeated or prolonged contact may have a degreasing action on the skin and may lead to irritant contact dermatitis.
Inhalation:	Mist/vapours may cause respiratory tract irritation (mucous membranes), headache.
Chronic effects:	No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not expected to be harmful to aquatic organisms.
Persistence and degradability	Material is organic by nature and would be expected to breakdown readily in the environment.
Mobility:	No information available.
Environmental Fate:	Don't allow spilled material to flow into drainage systems or wastewater treatment systems - High BOD; Large spills into waterways could promote eutrophication and fish kills.
Bioaccumulation Potential:	No information available.
Environmental Impact:	No information Available

13. DISPOSAL CONSIDERATIONS

General Information:	Dispose of contents/container in accordance with local/regional/national regulations.
Special Precautions for Landfill:	No information available.

14. TRANSPORT INFORMATION

Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

15. REGULATORY INFORMATION

Based on available information, not classified as hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia.

SAFETY DATA SHEET

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Poisons Schedule: N/A

SAFETY DATA SHEET

16. OTHER INFORMATION

This material safety data sheet has been prepared by Midland Chemicals

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Midland Chemicals cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact Midland Chemicals at the contact details on page 1.

Midland Chemical's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.