

Tyre Shine

Classification of Product:

Classified as **HAZARDOUS** according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 3rd Revised Edition.

Classified as **DANGEROUS GOODS** by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

- a. Product name: Tyre Shine
 - b. Other means of identification: NA
 - c. Recommended use of the chemical
Cleaning and polishing tyres.
 - d. Manufacturer details:
Dalcon Hygiene
36 Victoria St Smithfield
NSW 2164
Australia
PH: (02) 9604 1155
FAX: (02) 9604 9055
Email: admin@dalconhygiene.com.au
 - e. Poisons information centre: 13 11 26 (Australia)
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2. HAZARD(S) IDENTIFICATION

- a. Classification of the chemical:
Classified as **HAZARDOUS** according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 3rd Revised Edition.

Flammable Liquids - Category 3
Aspiration hazard – Category 1
Skin Irritation – Category 2

Chronic Aquatic Toxicity – Category 3

- b. Signal word: **DANGER**
- c. Pictogram(s): Flame



- d. **Hazard statement(s):**

H226: Flammable liquid and vapour

H304: May be fatal if swallowed and enters airways

H315: Causes skin irritation

H412: Toxic to aquatic life with long-lasting effects

- e. **Precautionary Statement(s)**

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

Prevention:

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

P233 Keep container tightly closed

P240 Ground/bond container and receiving equipment

P241 Use explosion-proof electrical/ventilation/lighting equipment

P242 Use only non-sparking tools

P243 Take precautionary measures against static discharge

P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.

P264: Wash hands thoroughly after handling.

P272: Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment.

P280 Wear protective gloves/eye protection/face protection

Response:

P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor

P331: Do NOT induce vomiting.
P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.
Rinse skin with water/ shower.
P302+352: IF ON SKIN: Wash with plenty of soap and water.
P333+313: If skin irritation or a rash occurs: Get medical advice/attention.
P321: Specific treatment (see section 4 - First Aid in this SDS).
P362: Take off contaminated clothing.
P363: Wash contaminated clothing before reuse.
P370: In case of fire:
P378: Use normal foam, dry agent (carbon dioxide, dry chemical powder) to extinguish.
P391: Collect spillage.
Storage:
P403+235: Store in a well-ventilated place. Keep cool.
P405: Store locked up.
Disposal:
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Poisons (SUSMP): 5 POISON

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Components	CAS number	Proportion	Hazard Codes
White Spirits	64742-82-1	>60%	H226, H304, H315, H412
Dimeticone	9006-65-9	<30%	H225

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

Inhalation:

Avoid inhaling vapours/fumes. If inhaled, move victim to fresh air, remove contaminated clothing and loosen remaining clothing. Allow patient to rest in a comfortable position and keep warm. If rapid recovery does not occur, seek medical advice.

Skin Contact:

If skin or hair contact occurs, immediately remove any contaminated clothing and wash skin and hair thoroughly with running water and soap. If swelling, redness, blistering or irritation occurs seek medical advice.

Eye Contact:

Immediately flush the eyes with running water for at least 15 minutes, holding the eyelids open.

Remove contact lenses if present and able to do so, continue rinsing. Remove clothing if contaminated and wash skin. If irritation occurs seek medical attention.

Ingestion:

Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water and seek immediate medical attention.

Indication of immediate medical attention and special treatment needed:

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Hazchem or emergency action code: 3Y

a. **Suitable extinguishing equipment:**

Normal foam, dry agent (dry chemical powder, carbon dioxide). Do not use a water jet.

b. **Specific hazards arising from the chemical**

Flammable liquid. On burning will emit toxic fumes, including those of oxides of carbon. Carbon monoxide may be evolved. Will float and can be reignited on surface water. Vapour is heavier than air, can spread along ground and distant ignition is possible.

c. **Special protective equipment and precautions for fire fighters:**

Heating can cause expansion or decomposition

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Slippery when spilt, avoid accidents and clean up immediately.

Clear the area of personnel.

Remove all sources of ignition.

Take precautionary measures against static discharge.

Ensure electrical continuity by bonding and earthing all equipment.

Avoid breathing in the fumes, increase ventilation and wear a gas mask. Wear protective eye goggles and gloves.

Environmental precautions:

Keep away from drains and surface and ground water.

Attempt to disperse vapour or to direct its flow to a safe location, ventilate contaminated area thoroughly.

Methods and materials for containment and cleaning up:

Containment: store in a bunded area

Clean up procedures: Increase ventilation in spill area. Wear protective eye goggles,

gloves and a gas mask. Clean up using absorbent material and transfer to a labelled container for disposal as outlined in section 13.

Use non-sparking tools.

Clean the spill area by washing with large quantities of water. Spill area will be slippery until completely dry.

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

This is a Scheduled Poison S5 and must be stored, maintained and used accordingly

a. **Precautions for safe handling**

Highly flammable product. Avoid breathing vapours. Handle and open containers with care in a well-ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded

Avoid eye contact and breathing in vapour, mists and aerosols. Use in a well-ventilated area.

Keep away from sources of ignition and excessive heat.

DO NOT smoke when near or using this chemical.

Flameproof equipment necessary in area where chemical is being used.

Keep out of reach of children.

Avoid eating or drinking when using this chemical.

Remove contaminated clothing and protective equipment after using and before entering eating areas.

Wash hands after using chemical.

b. **Conditions for safe storage, including incompatibilities.**

Store in cool place and out of direct sunlight.

Keep away from sources of ignition.

Store in a bunded area.

Store in a well-ventilated area.

Store away from foodstuffs.

Store away from incompatible materials described in Section 10.

Keep containers closed when not in use - check regularly for leaks.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

a. Control Parameters:

No value assigned for this specific material by Safe Work Australia.

For the constituent White Spirits: 150-200 HSPA: 350mg/m³ TWA (8hr)

b. Engineering controls:

Ensure adequate ventilation. Use with local exhaust ventilation or while wearing a respirator.

Avoid generating vapour.

Keep containers closed when not in use.

c. Individual Protection measures:

When handling this chemical, individuals should wear safety goggles, gloves, plastic overalls and a respirator.

Gloves must be solvent resistant, nitrile for long term use or PVC for incidental splashes.

Always wash hands after using this product, specifically before eating, drinking, smoking or using the toilet.

Wash contaminated clothing and protective equipment before storage or re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

- a. Physical state: Liquid
- b. Colour: Clear
- c. Odour: None
- d. pH: NA
- e. Freezing point: <-20°C
- f. Initial boiling point and boiling range: 149-194°C
- g. Flash point: 42 (Abel)
- h. Flammability: Flammable
- i. Upper/lower flammability or explosive limits: 0.7-6.5
- j. Vapour pressure: ~0.37 kPa @ 25°C
- k. Relative density: 0.79-0.81g/ml @15°C
- l. Solubility: insoluble in water
- m. Viscosity: 1.08 mPa.s

10. STABILITY AND REACTIVITY

- a. Reactivity: No information available.
- b. Chemical stability: Stable under normal conditions of use.
- c. Possibility of Hazardous reactions: Heating can cause expansion or decomposition of the material, which can lead to containers exploding.
- d. Conditions to avoid: Avoid heat, sparks, open flames and other ignition sources. Avoid exposure to air. Avoid oxidising agents.
- e. Incompatible materials: Strong oxidising agents and strong reducing agents.
- f. Hazardous decomposition products: oxides of carbon.

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:

Ingestion:

Swallowing can result in nausea, vomiting, diarrhoea, gastrointestinal irritation, and nervous system depression. If the victim is showing signs of nervous system depression (similar to drunkenness) there is a possibility of breathing in vomit causing damage to the lungs such as aspiration

pneumonia.

Swallowing may result in breathing difficulties. If ingested in large quantities, symptoms may include dizziness, muscular weakness, and rapid pulse. In severe cases delirium and convulsions may occur.

Skin irritation:

May cause skin irritation, will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to allergic contact dermatitis..

Serious eye damage/irritation:

Eye contact may cause eye damage or irritation.

Respiratory or skin sensation:

Breathing in mists, aerosols or vapours may produce respiratory irritation. May irritate the mucous membranes of the respiratory tract, overexposure at high levels may result in irritation of the nose in throat with coughing.

Aspiration Hazard:

Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

12. ECOLOGICAL INFORMATION

- a. Ecotoxicity: Avoid contaminating waterways
- b. Persistence and degradability: Readily biodegradable. Oxidises by photo-chemical reactions in air.
- c. Bio-accumulative potential: No data available
- d. Aquatic toxicity: Toxic to aquatic organisms. May cause long lasting, harmful effects to aquatic life.
- e. Mobility: Floats on water

13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority. Dispose of containers in accordance with local/regional/national/international regulations. Dispose of material through a licensed waste contractor. Decontamination and destruction of containers should be considered.

Do not allow waste to enter waterways.

14. TRANSPORT INFORMATION

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; **DANGEROUS GOODS.**

UN number: 1300
Proper shipping name: Turpentine Substitute
Australian Dangerous Goods class: 3 Flammable liquid
Australian Dangerous Goods packing group: III
Hazchem code: 3Y

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; **DANGEROUS GOODS**.

UN number: 1300
Proper shipping name: Turpentine Substitute
Australian Dangerous Goods class: 3 Flammable liquid
Australian Dangerous Goods packing group: III
Fire: F-E
Spill: S-D

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; **DANGEROUS GOODS**.

UN number: 1300
Proper shipping name: Turpentine Substitute
Australian Dangerous Goods class: 3 Flammable liquid
Australian Dangerous Goods packing group: III

15. REGULATORY INFORMATION

This Material is **HAZARDOUS** according to Safe Work Australia; Hazardous Substance

Flammable Liquids - Category 3
Aspiration hazard – Category 1
Skin Irritation – Category 2
Chronic Aquatic Toxicity – Category 3

H226: Flammable liquid and vapour
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H315: Causes skin irritation
H412: Toxic to aquatic life with long-lasting effects

Poisons (SUSMP): 5

16. OTHER RELEVANT INFORMATION

This Safety Data Sheet (SDS) has been prepared by Dalcon Hygiene

Reason(s) for Issue:

- Alignment to GHS requirements

This SDS summarises to the best of our knowledge at the date of issue, the chemical health and safety hazards of the material and provides general guidelines on how to safely handle the material. Dalcon Hygiene cannot anticipate or control the conditions under which the product may be used, stored and transported, therefore, each user must, prior to usage, assess and control the possible risks.

If clarification or further information is required, the user should contact Dalcon Hygiene at the contact details in section 1d.

By using this product, the user agrees that they have read and understood this SDS, and, knowing the risks associated with the product, wish to use the product.