

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Tyre Gel

Recommended Use: Tyre lubricant

Supplier: Big Bubble
ABN: 42 719 707 618

Street Address: 18 Elliott Street
Midvale
Western Australia

Telephone Number: +61 08 9274 1992

Poisons Information Centre: 131 126 Australia

2. HAZARDS IDENTIFICATION

Road and Rail; 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.

Globally Harmonised System

Hazard Classification

Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

Hazard Categories Category 1 – Skin corrosion / irritation
Category 1 – Serious eye damage / irritation

Pictogram



Name of pictogram Corrosion

Signal Word Danger

Hazard Statements H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.

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Precautionary Statement

Prevention	P261 Avoid breathing mist/vapours/spray. P270 Do not eat, drink, or smoke when using this product. P280 Wear protective gloves/protective clothing/eye protection/face protection and suitable respirator.
Response	P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all clothing. Rinse skin with water or shower. P304 + P340 IF INHALED: Remove victim to fresh air and keep comfortable for breathing. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTRE or doctor. P363 Wash contaminated clothing before reuse. P390 Absorb spillage to prevent material-damage.
Storage	P405 Store locked up. P406 Store in a corrosive resistant container with a resistant inner liner.
Disposal	P501 Dispose of contents/container in accordance with local / regional / national / international regulations.
Poisons Schedule:	Schedule 6

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion
Potassium hydroxide	1310-58-3	1 – 10%
Ingredients determined not to be hazardous		Balance %

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.

Ingestion:	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a Poison Centre or doctor/physician for advice. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain an open airway and prevent aspiration. Never give anything by mouth to an unconscious person.
Eye Contact:	IF IN EYES: 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 flushing until advised to stop by a Poisons Information Centre or a doctor, or for at least 15 minutes. If eye irritation persists, get medical advice/attention.

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Skin Contact:	IF ON SKIN (or hair): Wash with plenty of soap and water for at least 15 minutes. Take off contaminated clothing and wash it before reuse. Immediately call a Poison Centre or doctor/physician for advice.
Inhalation:	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If respiratory symptoms persist, get medical advice/attention.
Medical attention and special treatment:	Treat symptomatically. Do not leave victim unattended.

5. FIRE FIGHTING MEASURES

General	If safe to do so, move undamaged containers from fire area. Cool containers with water spray until well after fire is out. Dike fire-control water for later disposal.
Flammability Conditions	May burn but does not ignite readily.
Suitable Extinguishing Media:	Use dry chemical, Carbon dioxide (CO ₂), foam or water spray for extinction – Do not use high power water jet. Extinguishing material should be selected according to the surrounding area.
Fire and Explosion Hazards	Containers may explode when heated. Contact with metals may evolve flammable hydrogen gas.
Hazardous combustion products:	Fire may produce irritating and/or toxic gases, including pyrolysis products and oxides of Carbon and Potassium. Under certain fire conditions, traces of other toxic gases cannot be excluded.
Precautions for fire fighters and special protective equipment:	Contain runoff from fire control or dilution water – Runoff may cause pollution. Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.
Auto Ignition temperature:	No Data Available
Decomposition Temperature:	No Data Available
Flammability:	No Data Available
Flash Point:	No Data Available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Ensure adequate ventilation. ELIMINATE all ignition sources. Do not touch or walk through spilled material – High slip hazard because of leaking or spilled product! Clean up all spills immediately. Avoid breathing mist/vapours and contact with eyes, skin, and clothing.
Protective equipment:	Use personal protective equipment as required (see SECTION 8).

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Emergency procedures:	Spill or leak area should be isolated immediately. Keep unauthorised personnel away. Keep upwind and to higher ground.
Environmental Precautions:	Do not empty into drains or the aquatic environment. Do not allow to enter soil/subsoil. If contamination of sewers or waterways has occurred, advice local emergency services.
Methods and materials for Containment and clean up:	Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements, or confined areas. Pick up with sand or other non-combustible absorbent material and place into containers for later disposal (see SECTION 13). Clean contaminated objects and areas thoroughly, observing environmental regulations. Retain contaminated washing water and dispose.

7. HANDLING AND STORAGE

This material must be stored, maintained and used in accordance with the relevant regulations.

Conditions for safe storage:	Keep in the original container. Store in a cool, dry, and well-ventilated place, out of direct sunlight. Keep container tightly closed. Keep away from heat and sources of ignition – No smoking. Keep away from incompatible materials (see SECTION 10). Store locked up.
Precautions for safe handling:	Safety showers and eyewash facilities should be provided within the immediate work area for emergency use. Ensure adequate ventilation, especially in confined areas. Handle in accordance with good industrial hygiene and safety practice. Avoid breathing mist/vapours and contact with eyes, skin, and clothing. Do not ingest. Use personal protective equipment as required (see SECTION 8). Avoid excessive heat and sources of ignition – No smoking. Avoid contact with incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure control measures:	Potassium hydroxide: Safe Work Australia Exposure Standard: TWA = 2 mg/m ³ (peak limitation)
Biological Monitoring	No information available.
Engineering Controls	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	
Eye and Face	Wear appropriate eye protection to avoid eye contact. Recommended: Safety glasses.

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Skin	Handle with gloves. Recommended: Impervious gloves, e.g. rubber, nitrile, neoprene, PVC. Wear appropriate personal protective clothing to avoid skin contact. Recommended: Chemical protective clothing, e.g. Overalls, safety shoes.
Respiratory	In case of inadequate ventilation, wear respiratory protection. Recommended: Organic vapour/particulate respirator (refer to AS/NZS 1715 & 1716).

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Gel
Colour:	Golden yellow
Odour:	Odourless
pH:	8.5 – 9.5
Solubility:	Miscible with water
Auto Ignition temperature:	No Data Available
Decomposition Temperature:	No Data Available
Evaporation Rate:	No Data Available
Flammability:	No Data Available
Flash Point:	No Data Available
Boiling Point:	No Data Available
Melting/Freezing Point:	No Data Available
Freezing Point	No Data Available
Odour Threshold:	No Data Available
Partition coefficient: n-octanol/water	No Data Available
Relative Density:	No Data Available
Upper Flammability Limit	No Data Available
Lower Flammability Limit:	No Data Available
Explosive limits:	No Data Available
Vapour density:	No Data Available
Vapour pressure;	No Data Available
Viscosity:	No Data Available

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Biopersistence:	No Data Available
Crystallinity:	No Data Available
Dustiness:	No Data Available
Particle size:	No Data Available
Redox potential:	No Data Available
Release of invisible flammable vapours and gases	No Data Available
Saturated Vapour Concentration	No Data Available

10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions.
Conditions to avoid:	Avoid excessive heat and sources of ignition. Avoid contact with organic materials.
Incompatible materials:	Incompatible/reactive with strong oxidising agents and reducing agents, concentrated acids and alkalis, ammonium salts, halogenated hydrocarbons, maleic anhydride.
Hazardous decomposition products:	Fire/decomposition may produce irritating and/or toxic gases, including pyrolysis products and oxides of Carbon and Potassium. Under certain fire conditions, traces of other toxic gases cannot be excluded.
Hazardous reactions or Polymerisation:	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:

Ingestion:	Corrosive to the gastrointestinal tract, causing abdominal pain, burning sensation, perforation of upper and lower gastrointestinal tissues, shock, or collapse.
Eye contact:	Corrosive to eyes, causing redness, pain, blurred vision, severe deep burns; Can result in permanent injury, blindness.
Skin contact:	Corrosive to skin, causing redness, pain, blisters, and damage to underlying tissues, deep and painful wounds.

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Inhalation:	Corrosive to respiratory tract, causing burning sensation, cough, sore throat, laboured breathing, shortness of breath, possible pulmonary edema. Symptoms may be delayed.
Acute Toxicity:	Potassium hydroxide: LD50, Rat: 333 mg/kg bw [ECHA] (Supplier SDS)
Carcinogenicity:	Not expected to be carcinogenic.
Mutagenicity:	Not expected to be mutagenic.
Reproductive:	Not expected to impair fertility.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Potassium hydroxide: LC50, Fish (<i>Gambusia affinis</i>): 80 mg/L (96 h) [Supplier SDS] EC50, Crustacea (<i>Daphnia magna</i>): 660 mg/L (48 h) [Supplier SDS] EC50, Algae (<i>Nitscheria linearis</i>): 1,337 mg/L (120 h) [Supplier SDS]
Persistence and degradability:	Potassium hydroxide is believed to exist in the disassociated state in the environment. Log Kow: -3.88
Bioaccumulative potential:	Not expected to bioconcentrate in organisms.
Mobility:	No information available.

13. DISPOSAL CONSIDERATIONS

Disposal methods:	Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility. Or refilled at Big Bubble in Midvale.
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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.

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15. REGULATORY INFORMATION

Poisons Schedule: Schedule 6

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

If swallowed, do NOT induce vomiting.

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor, or for at least 15 minutes.

16. OTHER INFORMATION

Revision date: 03/06/2026

Reason for issue: Update SDS

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. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside Midland Chemicals control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.