

Infosafe No™ VARA6	Issue Date : November 2024	ISSUED by HUNTERST
Product Name TYRE REJUVENATOR		

Section 1 - Identification

Product Identifier	TYRE REJUVENATOR
Company Name	Hunters Products (TAS) Pty. Ltd. (ABN 004 601 263)
Address	60 Gleadow Street INVERMAY TAS 7248 AUSTRALIA
Telephone/Fax Number	Tel: 03 6331 4755 Fax: 03 6334 1065
Emergency Phone Number	0417 744 144
Recommended use of the chemical and restrictions on use	As a tyre cleaner and rejuvenator. Use as directed on the product label.

Section 2 - Hazard(s) Identification

GHS Classification of the Substance/Mixture	Flammable liquids: Category 3
Signal Word	WARNING
Hazard Statement (s)	H226 Flammable liquid and vapour.
Pictogram (s)	Flame



Precautionary Statement – Prevention	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P280(f) Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement – Response	P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P370+P378 In case of fire: Use foam / water spray / mist for extinction.
Precautionary Statement – Storage	P403+P235 Store in a well-ventilated place. Keep cool.
Precautionary Statement – Disposal	P501 Dispose of contents/container in accordance with local regulations.
Precautionary Statement – General	P102 Keep out of reach of children. P103 Read carefully and follow all instructions.

Section 3 - Composition and Information on Ingredients

Ingredients	Name	CAS	Proportion
	Water	7732-18-5	60-100 %
	Glycerine	56-81-5	30-60 %
	Ethanol	64-17-5	10-30 %
	Ingredients determined not to be hazardous		<10%

Section 4 - First Aid Measures

Inhalation	Remove from exposure, rest and keep warm. Seek medical advice.
Ingestion	Do NOT induce vomiting. Give a glass of water to be taken slowly.
Skin	If skin contact occurs, remove contaminated clothing and wash skin thoroughly.
Eye	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

Infosafe No™ VARA6	Issue Date : November 2024	ISSUED by HUNTERST
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Product Name **TYRE REJUVENATOR**

First Aid Facilities Eye wash station and normal washroom facilities.

Advice to Doctor Product is a mixture of methylated spirit and glycerol with water. May be irritating to skin and eyes. Contact Poisons Information Centre.

Section 5 - Firefighting Measures

Suitable Extinguishing Media Water fog or fine water spray.

Hazards from Combustion Products Water vapour, carbon dioxide. Incomplete combustion may generate carbon monoxide.

Specific Methods In case of small fire/explosion use water. In case of major emergency use PPE: as required for other chemicals present.

Specific Hazards Arising from the Chemical Flammable liquid, flashpoint 32C.

Hazchem Code 2[Y]

Section 6 - Accidental Release Measures

Emergency Procedures Contain.
Shut off all sources of ignition.
Increase ventilation.

Spills & Disposal Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance and shut off all possible sources of ignition. Spillages will be very slippery. Contain large spills with an inert material such as sand, soil or vermiculite. Collect and seal in properly labelled containers for disposal. Small spills may be mopped up. If local regulations permit, wash down area with excess water and run to waste, diluting greatly with running water. Otherwise absorb on inert absorbent, transfer to container and arrange removal by disposals company. Wash site of spillage thoroughly with water. Ventilate area to dispel any residual vapour.

Section 7 - Handling and Storage

Conditions for safe storage, including any incompatibilities Store in cool, well ventilated place in original container. Store away from oxidising agents, acids and foodstuffs. Keep containers closed when not in use. Store out of reach of children. Keep away from naked flames and other sources of heat. Do not allow vapours to collect in enclosed spaces. Take precautions against static discharge. Do not mix with other chemicals. Clean up all spills and splashes promptly; avoid secondary accidents.

Unsuitable Materials Incompatibles: Oxidising agents.

Section 8 - Exposure Controls and Personal Protection

Occupational Exposure Limit (OEL) Values	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Ethanol			1880	1000	
Engineering Controls	Use only flame proof equipment. Ensure adequate ventilation (same as outdoors) when using. If handling industrial quantities, or if vapour risk exists, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible and at least below the TLVs.					
Personal Protective Equipment	Avoid contact with skin and eyes. Avoid breathing concentrated vapours. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:- Normal Use: Eye/face protection Gloves, rubber or plastic. Industrial Quantities: Face shield or safety glasses Gloves, rubber or plastic Plastic apron, sleeves and boots					

Infosafe No™ VARA6 Issue Date : November 2024 ISSUED by HUNTERST

Product Name **TYRE REJUVENATOR**

Impervious overalls.
Always maintain a high level of personal hygiene when using this product. That is wash hands before eating, drinking, smoking or using the toilet.

Section 9 - Physical and Chemical Properties

Form	Liquid
Appearance	Clear, colourless, mobile liquid.
Odour	Smell of methylated spirit.
Boiling Point	From about 78 °C
Solubility in Water	Miscible with water in all proportions.
Specific Gravity	1.0-1.1
pH	Approx. 7
Flash Point	32 °C
Flammability	Flammable.
Flammable Limits - Lower	3.3% [ethanol]
Flammable Limits - Upper	19.0% [ethanol]
Other Information	Flammable liquid. May react with strong oxidising agents. Slippery when spilled.

Section 10 - Stability and Reactivity

Chemical Stability	Stable under normal use conditons.
Possibility of Hazardous Reactions	Contact with strong oxidising agents may cause fire.
Conditions to Avoid	Incompatible materials.
Incompatible Materials	Oxidising agents.
Hazardous Decomposition Products	Emits smoke and fumes when heated to decomposition.

Section 11 - Toxicological Information

Acute Toxicity - Oral	LD50 : Glycerol 12,600 mg/kg oral, rat. 4,090 mg/kg oral, mouse. > 10,000 mg/kg skin, rabbit. Ethanol 7,060 mg/kg oral, rat. 3,450 mg/kg oral, mouse. LDLo: Ethanol 1,400 mg/kg oral, human. 2,000 mg/kg oral, child. TDLo: Glycerol 1,428 mg/kg oral, human - nausea and vomiting. Ethanol 700 mg/kg oral, man - changes in psychophysiological tests. 50 mg/kg oral, man - gastrointestinal changes.
Ingestion	Bitter taste. Likely to cause gastric upset, nausea, vomiting and diarrhoea. Small doses may cause a reddening of the face and neck, and an exaggerated feeling of well-being. Larger doses may cause an initial burst of excitement and activity, followed by increasing loss of coordination, slurred speech, nausea and drowsiness, stupor and possible loss of consciousness.
Inhalation	Moderately irritating to the respiratory tract and mucous membranes. Ethanol vapours may be irritating to the nose and eyes at concentrations well below the TLV. Ethanol vapour may be absorbed through the lungs. May cause cough, headache, drowsiness and fatigue. Over-exposure to ethanol vapours may cause symptoms similar to when swallowed.
Skin	Will have a degreasing effect on the skin. May be irritating to skin. May cause redness and drying of the skin.

Infosafe No™ VARA6 Issue Date : November 2024 ISSUED by HUNTERST

Product Name **TYRE REJUVENATOR**

Eye May be irritating to eyes. May cause redness, pain and a burning sensation. Liquid splashed into the eyes may cause severe irritation and possible tissue damage. May cause painful sensitisation to light.

Chronic Effects Chronic exposure to ethanol may affect the liver, kidneys and central nervous system. Extensive published data links ethanol exposure, or ingestion, to adverse reproductive effects in experimental animals and in humans.

Section 12 - Ecological Information

Ecotoxicity May be harmful to aquatic organisms.

Persistence and Degradability No data.

Mobility Readily transported by water.

Environmental Protection Avoid contaminating waterways, drains, sewers, or ground.

Section 13 - Disposal Considerations

Waste Disposal Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Advise flammable nature. Normally suitable for disposal by approved waste disposal agent.

Special Precautions for Incineration or Landfill Unsuitable for incineration. May be unsuitable for some landfill sites.

Section 14 - Transport Information

Transport Information Classified as a Class 3 Dangerous Good. Dangerous Goods of Class 3 Flammable Liquids, are incompatible in a placard load with any of the following: - Class 1, Class 2.1, if both the Class 3 and Class 2.1, dangerous goods are in bulk, Class 2.3, Class 4.2, Class 5, Class 6, if the Class 3 dangerous goods are nitromethane and Class 7.

ADG UN Number 1170

ADG Proper Shipping Name ETHANOL (ETHYL ALCOHOL)

ADG Transport Hazard Class 3

ADG Packing Group III

Hazchem Code 2[Y]

EPG Number 3A1

IERG Number 14

Section 15 - Regulatory Information

Poisons Schedule Not Scheduled

Australia (AICS/AIC) All components listed.

Section 16 - Any Other Relevant Information

Date of Preparation 2/11/2024

Literature References Preparation of Safety Data Sheets for hazardous Chemicals Code of Practice Standard for the Uniform Scheduling of Medicines and Poisons
Australian Code for the Transport of Dangerous Goods by Road & Rail
Globally Harmonised System of classification and labelling of chemicals GHS7

Signature of Preparer/Data Service Technical Manager 0417 744 144

Technical Contact Numbers Emergency Advice All Hours:
Technical Manager: 0417 744 144 Mon-Fri 8am - 6pm

Infosafe No™ VARA6	Issue Date : November 2024	ISSUED by HUNTERST
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Product Name **TYRE REJUVENATOR**

Other Information

Poisons Information Centre: 13 11 26 - 24hrs
Transport/Fire Emergency: 000 (Emergency services)

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below.

...End Of MSDS...

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