

Infosafe No™ VARA6	Issue Date : January 2021	ISSUED by HUNTERST
Product Name TYRE REJUVENATOR		

1. Identification

GHS 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 0407 610 542

Recommended use of the chemical and restrictions on use As a tyre cleaner and rejuvenator.
Use as directed on the product label.

2. Hazard Identification

GHS classification of the substance/mixture Flammable Liquids: Category 3

Signal Word (s) WARNING

Hazard Statement (s) H226 Flammable liquid and vapour.

Precautionary statement – General P102 Keep out of reach of children.
P103 Read label before use.

Pictogram (s) Flame



Precautionary statement – Prevention P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233 Keep container tightly closed.
P280 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.
P403+P235 Store in a well-ventilated place. Keep cool.

Precautionary statement – Storage

Precautionary statement – Disposal P501 Dispose of contents/container in accordance with local regulations.

3. Composition/information on ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	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%

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 contact If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

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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.

5. Fire-fighting 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]

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.

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.

8. Exposure controls/personal protection

Occupational exposure limit values	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Ethanol			1880	1000	
Appropriate 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 Impervious overalls.					

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

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.

10. Stability and reactivity

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

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.
Eye	May be irritating to eyes. May cause redness, pain and a burning sensation.

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Chronic Effects Liquid splashed into the eyes may cause severe irritation and possible tissue damage. May cause painful sensitisation to light.
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.

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.

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 landfill or incineration Unsuitable for incineration.
May be unsuitable for some landfill sites.

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.
U.N. Number 1170
UN proper shipping name ETHANOL (ETHYL ALCOHOL)
Transport hazard class(es) 3
Hazchem Code 2[Y]
Packing Group III
EPG Number 3A1
IERG Number 14

15. Regulatory information

Poisons Schedule Not Scheduled
AICS (Australia) All components listed.

16. Other Information

Date of preparation or last revision of SDS 30/01/2021
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
Signature of Preparer/Data Service Technical Manager 0407 610 542
Technical Contact Numbers Emergency Advice All Hours:
Technical Manager: 0407 610 542 Mon-Fri 8am - 6pm
Poisons Information Centre: 13 11 26 - 24hrs

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Other Information

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.

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