	<b>SAFETY DATA SHEET</b>	
	<b>AC-31</b> <b>NON-SILICONE TYRE SHINE</b>	Issue Date: 23.08.2021 Version #2.0

## SECTION 1 – STATEMENT OF CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name:	<b>AC-31 NON-SILICONE TYRE SHINE</b>		
SUPPLIER:	AUSTECH CHEMICALS PTY LTD		
ADDRESS:	45 MAGNESIUM ST, NARANGBA QLD 4504 Australia		
TELEPHONE:	07 3204 8511	FAX:	07 3807 7491
EMERGENCY PHONE:	Phone Australia <b>131126</b> or New Zealand <b>0800 764 766</b>	ABN:	84 124 370 761
Substance:	Water based liquid	Product Use:	Tyre shine
Creation Date:	August 2021	Revision Date:	August 2026

## SECTION 2 – HAZARDS IDENTIFICATION

### Classification of the substance or mixture

Poisons Schedule	Not scheduled
Dangerous Goods	Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. <ul style="list-style-type: none"> <li>FLAMMABLE LIQUID CLASS 3.2</li> </ul>
GHS Classification	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia. <ul style="list-style-type: none"> <li>Eye Irritation Category 2A</li> <li>Flammable Liquids Category 3</li> </ul>

### Label elements

GHS label pictograms	 
Signal word	<b>WARNING</b>

### Hazard statement(s)

<b>H319</b>	Causes serious eye irritation
<b>H226</b>	Flammable liquid and vapour.

### Precautionary statement(s): General


<b>P102</b>	Keep out of reach of children.
<b>P103</b>	Read label before use.

### Precautionary statement(s): Prevention

<b>P264</b>	Wash hands and skin thoroughly after handling.
<b>P280</b>	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
<b>P210</b>	Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
<b>P233</b>	Keep container tightly closed.
<b>P240</b>	Ground and bond container and receiving equipment.
<b>P241</b>	Use explosion-proof [electrical/ventilating/lighting/...] equipment.
<b>P242</b>	Use non-sparking tools.
<b>P243</b>	Take action to prevent static discharges.

### Precautionary statement(s): Response

<b>P305+P351+P338</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>P337 + P313</b>	If eye irritation persists: Get medical advice/attention.

	<b>SAFETY DATA SHEET</b>	
	<b>AC-31</b> <b>NON-SILICONE TYRE SHINE</b>	Issue Date: 23.08.2021 Version #2.0

<b>P303 + P361 + P353</b>	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
<b>P370 + P378</b>	In case of fire: Use water spray, alcohol resistant foam, dry chemicals or carbon dioxide to extinguish.
<b>Precautionary statement(s): Storage</b>	
<b>P403 + P235</b>	Store in a well-ventilated place. Keep cool.
<b>Precautionary statement(s): Disposal</b>	
<b>P501</b>	Dispose of contents/ container in accordance with local regulations.
<b>Note</b>	
<b>IMPORTANT</b>	This SDS and the Hazard Classifications contained therein, only apply to the product in its concentrated form, as supplied. When diluted to 1:10 or greater they no longer apply. However, good hygiene and housekeeping practices should be adhered to.

### SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Proportion:
Ethanol	64-17-5	30 – 60 % w/w
Ingredients determined to be non-hazardous at concentrations present.	various	to 100 % w/w


NOTE: Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication "List of Designated Hazardous Substances" or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication "Approved Criteria for Classifying Hazardous Substances", or have been found NOT to meet the criteria of a dangerous substance as defined in the GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS). Listed ingredients may be below the cut-off concentrations for classification as hazardous, but are listed for information purposes and for additive effects.

### SECTION 4 – FIRST AID MEASURES

<b>Inhalation</b>	Remove victim to fresh air away from exposure. Obtain medical attention if symptoms occur.
<b>Skin contact</b>	Immediately wash contaminated skin with plenty of soap and water. Remove contaminated clothing and wash before re-use. Seek medical advice (e.g. doctor) if irritation, burning or redness persists.
<b>Eye contact</b>	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. If symptoms persist, seek medical attention.
<b>Ingestion</b>	Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water immediately. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice (e.g. doctor).
<b>Advice to Doctor</b>	Treat symptomatically.
<b>Scheduled Poisons</b>	Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (Phone Australia 131126 or New Zealand 0800 764 766).
<b>First Aid Facilities</b>	No special requirements.

### SECTION 5 – FIRE FIGHTING MEASURES

<b>Fire and Explosion Hazards</b>	Water/alcohol based. Highly flammable liquid and vapour. In use, may form flammable/ explosive vapour air mixture. If involved in a fire will emit toxic fumes.
<b>Extinguishing Media</b>	Use carbon dioxide (CO <sub>2</sub> ) fire extinguisher, water fog or alcohol resistant foam or fine water spray.
<b>Fire Fighting</b>	Keep containers exposed to extreme heat cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion or decomposition.
<b>Flash Point</b>	28 - 30 °C – ethanol/water mixture.

	<b>SAFETY DATA SHEET</b>	
	<b>AC-31</b> <b>NON-SILICONE TYRE SHINE</b>	Issue Date: 23.08.2021 Version #2.0




## SECTION 6 – ACCIDENTAL RELEASE MEASURES


<b>Emergency Procedures</b>	<p>Minor spills do not normally need any special clean-up measures.</p> <p>In the event of a major spill, prevent spillage from entering drains or water-courses. For large spills, or tank rupture, consider initial evacuation distance of 200 metres in all directions. Stop leak if safe to do so. Remove all ignition sources. If available, use water spray to disperse vapour. Wear appropriate protective equipment as in section 8 below to prevent skin and eye contamination. Spilt material may result in a slip hazard and should be absorbed into dry, inert material (e.g. sand, earth or vermiculite), which then can be put into appropriately labelled drums for disposal by an approved agent according to local conditions. Residual deposits will remain slippery. Wash area down with excess water.</p> <p>If contamination of sewers or waterways has occurred advise the local emergency services. In the event of a large spillage notify the local environment protection authority or emergency services.</p>
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## SECTION 7 – HANDLING AND STORAGE

<b>Handling</b>	<p>Avoid skin or eye contact with concentrate. Wear protective clothing when risk of exposure occurs. Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers closed at all times. Avoid physical damage to containers. Always wash hands with soap and water after handling. Work clothes should be laundered. Launder contaminated clothing before re-use.</p>
<b>Storage</b>	<p>Store in a cool, dry, well-ventilated area, out of direct sunlight. Protect from freezing. Store in suitable, labelled containers. Keep containers tightly closed. Store away from incompatible materials. Ensure that storage conditions comply with applicable local and national regulations.</p>

## SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>Exposure Limits</b>	<p>National Occupational Exposure Limits, as published by National Occupational Health &amp; Safety Commission:</p> <p><b>Time-weighted Average (TWA):</b> None established for product.</p> <ul style="list-style-type: none"> <li><b>Ethanol : 1000ppm 1880mg/m3</b></li> </ul> <p><b>Short Term Exposure Limit (STEL):</b> None established for product.</p>
<b>Ventilation</b>	No special requirements.
<b>Personal Protective Equipment</b>	Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. The following protective equipment should be available;
<b>Eye Protection</b> 	<p>Generally not required for typical applications as per label directions.</p> <p>Safety glasses with full face shield should be used for handling concentrate in quantity, cleaning up spills, decanting, etc. Eye protection devices should conform to relevant regulations. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.</p>
<b>Hand Protection</b> 	<p>Generally not required for typical applications as per label directions.</p> <p>Wear gloves of impervious material such as butyl rubber, natural latex, neoprene, PVC and nitrile – to handle in quantity, clean up spills, decanting, etc. Final choice of appropriate gloves will vary according to individual circumstances. i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.</p>
<b>Body Protection</b> 	<p>Generally not required for typical applications as per label directions.</p> <p>Suitable protective workwear, e.g. rubber or plastic apron, sleeves, boots and cotton overalls buttoned at neck and wrist are recommended. Chemical resistant apron is recommended where large quantities are handled.</p>

	<b>SAFETY DATA SHEET</b>	
	<b>AC-31</b> <b>NON-SILICONE TYRE SHINE</b>	Issue Date: 23.08.2021 Version #2.0

<b>Respirator</b>	Generally not required for typical applications with diluted solutions as per label directions. If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.
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#### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Non-viscous liquid	<b>Colour</b>	Blue
<b>Odour</b>	Alcohol odour	<b>Specific Gravity</b>	0.94 – 0.96 @ 25 °C
<b>Boiling Point</b>	Approximately 78 - 100 °C	<b>Freezing Point</b>	Not available
<b>Vapour Pressure</b>	Not available	<b>Vapour Density</b>	Not available
<b>Flash Point</b>	28 - 30 °C (calculated)	<b>Flammable Limits</b>	Ethanol: 3.5 – 19% v/v
<b>Water Solubility</b>	Miscible in all proportions	<b>pH</b>	6.0 – 8.0 neat
<b>Volatile Organic Compounds (VOC)</b>	Ca 50 % v/v	<b>Per Cent Volatile</b>	100 % v/v
<b>Viscosity</b>	Not available	<b>Odour Threshold</b>	Not available

#### SECTION 10 – STABILITY AND REACTIVITY


<b>Reactivity</b>	Stable at normal temperatures and pressure.
<b>Conditions to Avoid</b>	Extremes of temperature and direct sunlight. Heat, sparks, flame and build-up of static electricity.
<b>Incompatibilities</b>	Reducing agents, oxidizing agents.
<b>Hazardous Decomposition</b>	Thermal decomposition may result in the release of toxic and/or irritating fumes.

#### SECTION 11 – TOXICOLOGICAL INFORMATION

##### POTENTIAL HEALTH EFFECTS

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:

<b>Inhalation</b>	Inhalation of vapours or mists may cause irritation to the respiratory system. Inhalation of the vapour may result in drunkenness (as per effects of swallowing). Early symptoms may occur at airborne levels of 1000 to 5000 ppm.
<b>Skin contact</b>	Not irritating to skin. Prolonged contact with concentrate may be irritating to skin.
<b>Eye contact</b>	Concentrated product may cause eye irritation. Eye contact with concentrate will cause stinging, blurring, tearing.
<b>Ingestion</b>	Can cause drunkenness or harmful central nervous system effects. The deliberate ingestion of ethanol (50-100ml) may cause inebriation such that safety is impaired. Effects of a small intake may include excitation, euphoria, headache, dizziness, drowsiness, blurred vision, and fatigue. Ingestion of a large amount may lead to severe acute intoxication, tremors, convulsion, loss of consciousness, coma, respiratory arrest and death.
<b>Chronic exposure</b>	Long term exposure by swallowing or repeated inhalation, may cause degenerative changes in the liver, kidneys, gastrointestinal tract and heart muscle.
<b>Toxicology Information</b>	Not toxic, based on ingredients. Oral LD50 (ATE calculated) : >20,000 mg/kg
<b>Carcinogen Status</b>	
<b>NOHSC</b>	No significant ingredient is classified as carcinogenic by NOHSC.
<b>NTP</b>	No significant ingredient is classified as carcinogenic by NTP.
<b>IARC</b>	Alcoholic beverages are classified by the International Agency for Research on Cancer (IARC) as a Group 1 carcinogen (carcinogenic to humans). IARC classifies alcoholic beverage consumption as a cause of female breast, colorectal, larynx, liver, esophagus, oral cavity, and pharynx cancers; and as a probable cause of pancreatic cancer.

	<b>SAFETY DATA SHEET</b>	
	<b>AC-31</b> <b>NON-SILICONE TYRE SHINE</b>	Issue Date: 23.08.2021 Version #2.0

<b>Respiratory sensitisation</b>	Not expected to be a respiratory sensitizer.
<b>Skin Sensitisation</b>	Not expected to be a skin sensitizer.
<b>Germ cell mutagenicity</b>	Not considered to be a mutagenic hazard.
<b>Reproductive Toxicity</b>	Not considered to be toxic to reproduction.
<b>STOT-single exposure</b>	Not expected to cause toxicity to a specific target organ.
<b>STOT-repeated exposure</b>	Not expected to cause toxicity to a specific target organ.
<b>Aspiration Hazard</b>	Not expected to be an aspiration hazard.

#### SECTION 12 – ECOLOGICAL INFORMATION


<b>Eco-toxicity Product (as sold)</b>	Not harmful to aquatic life. LC50 > 100mg/L. Acute Aquatic Toxicity (Calculated) LC50: 2,000 – 38,000 mg/L. Acute Aquatic Toxicity NOT HAZARDOUS
<b>Persistence and degradability</b>	Readily biodegradable, based on ingredients.
<b>Bio accumulative potential</b>	No bioaccumulation is expected.
<b>Mobility in soil</b>	Due to its physico-chemical characteristics, highly mobile in the environment and will partition to the aquatic compartment.
<b>Other adverse effects</b>	Not available
<b>Environmental Protection</b>	Do not discharge this material into waterways.

#### SECTION 13 – DISPOSAL CONSIDERATIONS

	Dispose of waste according to applicable local and national regulations. Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations.
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#### SECTION 14 – TRANSPORT INFORMATION

<b>Labels Required</b>	
<b>ADG</b>	
<b>IMDG Marine Pollutant</b>	No
<b>HAZCHEM</b>	•3Y
<b>Land Transport (ADG)</b>	
<b>UN Number</b>	1993
<b>Proper shipping name</b>	FLAMMABLE LIQUID N.O.S. (contains ETHANOL)
<b>ADG Code</b>	3.3
<b>HAZCHEM Code</b>	•3Y
<b>Special Provisions</b>	144
<b>Packing Group</b>	III
<b>Packaging Method</b>	3.8.3 RT1

	<b>SAFETY DATA SHEET</b>	
	<b>AC-31</b> <b>NON-SILICONE TYRE SHINE</b>	Issue Date: 23.08.2021 Version #2.0

<b>Segregation</b>	Segregation Class 3 – Flammable liquid shall not be loaded in the same vehicle or packed in the same freight container with: Class 1, Explosives Class 2.1, Flammable Gases, if both the Class 3 and Class 2.1 dangerous goods are in bulk Class 2.3, Toxic Gases Class 4.2 Spontaneously Combustible Substances Class 5.1 Oxidising Agents and Class 5.2, Organic Peroxides Class 6 Toxic Substances (where the flammable liquid is nitromethane) Class 7 Radioactive Substances. Foodstuff and foodstuff empties.
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SECTION 15 – REGULATORY INFORMATION	
<b>GHS Classification</b>	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
<b>SUSMP</b>	Not scheduled
<b>ADG Code</b>	Class 3.3
<b>AICS</b>	All ingredients present on AICS.

SECTION 16 – OTHER INFORMATION	
<b>Issue Date</b>	23 <sup>rd</sup> August 2021
<b>Version Number</b>	V 2.0 GHS7 classification
<b>Abbreviations and acronyms</b>	<p><b>ADG Code:</b> Australian Code for the Transport of Dangerous Goods by Road and Rail.</p> <p><b>AICS:</b> Australian Inventory of Chemical Substances.</p> <p><b>CAS Number:</b> Chemical Abstracts Service Registry Number.</p> <p><b>GHS:</b> Globally Harmonized System of Classification and Labelling of Chemicals</p> <p><b>HAZCHEM:</b> An emergency action code of numbers and letters which gives information to emergency services.</p> <p><b>HSIS:</b> Hazardous Substances Information System</p> <p><b>IARC:</b> International Agency for Research on Cancer.</p> <p><b>NOHSC:</b> National Occupational Health and Safety Commission.</p> <p><b>NTP:</b> National Toxicology Program (USA).</p> <p><b>SDS:</b> Safety Data Sheet</p> <p><b>STEL:</b> Short Term Exposure Limit.</p> <p><b>SUSMP:</b> Standard for the Uniform Scheduling of Medicines and Poisons.</p> <p><b>TWA:</b> Time Weighted Average.</p> <p><b>UN Number:</b> United Nations Number.</p>
<b>Literature references</b>	<p>Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice ( Safe Work Australia)</p> <p>GHS Hazardous Chemical Information List (Safe Work Australia)</p> <p>Guidance on the Classification of Hazardous Chemicals under the WHS Regulations.</p> <p>Global Harmonized System of Classification and Labelling of Chemicals (GHS)</p> <p>“Australian Exposure Standards”. Safework Australia</p> <p>Australian Code For The Transport Of Dangerous Goods By Road And Rail</p> <p>Standard for the Uniform Scheduling of Medicines and Poisons</p> <p>Material Safety Data Sheets – individual raw materials – Suppliers</p> <p>HSIS – Hazardous Substance Information System – National Safe Work Australia Data Base.</p> <p>HCIS – Hazardous Chemical Information System – National Safe Work Australia Data Base.</p> <p>ECHA – European Chemicals Agency</p>
<b>Disclaimer</b>	<p>This MSDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier.</p>



## SAFETY DATA SHEET

**AC-31**  
**NON-SILICONE TYRE SHINE**

Issue Date: 23.08.2021  
Version #2.0

End of SDS