



## SAFETY DATA SHEET

According to  
HSNO Hazardous Substances (Safety Data Sheets) Notice 2017

### Section 1. Identification of the material and the supplier

Product: **Gunmate**  
Product Use: Lubricate  
Restriction of Use: Refer to Section 15

New Zealand Supplier: **Power Up Lubricants NZ Ltd**  
Address: 41 Hororata Road  
RD 2 Darfield, 7572  
Canterbury  
New Zealand

Telephone: +64 3 962 9990 / 0800 33 66 66  
**Emergency No: 0800 764 766 (National Poison Centre)**

Date of SDS Preparation: 25 March 2021

### Section 2. Hazards Identification

This substance is NOT hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

### Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Calcium Alkyl naphthalenesulfonate / carboxylate	5-6	-
Non hazardous	To bal	

### Section 4. First Aid Measures

Routes of Exposure:

If in Eyes: Rinse cautiously with water for 15 minutes. Seek medical advice if needed.

If on Skin: Wash skin with plenty of soap and water. Seek medical advice if needed.

If Swallowed: Wash out mouth thoroughly with water. Never give anything to the mouth of an unconscious person. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs. Seek medical help if needed.

If Inhaled: Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Apply artificial respiration if not breathing. Get medical advice if breathing becomes difficult.

### Most important symptoms and effects, both acute and delayed

Symptoms: In inhalation if product is misted at elevated temperature, high concentration of vapor and/or mist may cause irritation, experienced as nasal discomfort and discharge. Repeated exposure over prolonged periods of time may cause irritation to the skin, respiratory system and eyes. Breathing mist caused by high temperature or swallowing large quantities may be irritating to skin, respiratory system, mucous membranes and eyes.

### Section 5. Fire Fighting Measures

<b>Hazard Type</b>	Non-flammable at ambient temperature.
<b>Hazards from combustion products</b>	Oxides of carbon, sulfur, and dense smoke.
<b>Suitable Extinguishing media</b>	Carbon Dioxide, foam, dry chemical.
<b>Precautions for firefighters and special protective clothing</b>	Keep containers cool with water spray. When fighting a fire, treat as a petroleum product, wear protective clothing and avoid breathing fumes. Avoid spreading with water flooding. Do not cut, weld, or pressurize empty container. Container may explode in heat of fire.
<b>HAZCHEM CODE</b>	<b>None allocated.</b>

### Section 6. Accidental Release Measures

Wear protective gear as detailed in Section 8. Evacuate all unnecessary personnel. Eliminate all sources of ignition.

Product has very low solubility in water. Do not flush to sewers, streams or other bodies of water.

Absorb with inert material such as sand, earth, vermiculite. Sweep up and collect in a suitable container for disposal. For Large spills, stop leak if without risk. Dike to contain spill. Pump excess material into a suitable container (metal drums, metal tanks or such).

Dispose of in compliance with local and/or national regulations as detailed in Section 13.

### Section 7. Handling and Storage

#### Precautions for Handling:

- Read label before use.
- Avoid excess heat, formation of oil mist, breathing vapours and mist from hot oil, and prolonged or repeated contact with skin.

#### Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Keep out of reach of children.
- Store in a cool, well ventilated area, not to exceed 50°C
- Keep containers tightly closed, away from heat, spark and open flame.

### Section 8 Exposure Controls / Personal Protection

#### WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA	STEL
	ppm mg/m <sup>3</sup>	ppm mg/m <sup>3</sup>

No ingredients have exposure limits

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term

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SDS Prepared by: Technical Compliance Consultants (NZ) Ltd

Date of SDS: 25 March 2021

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Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices NOV 2019 11<sup>TH</sup> EDITION.

### Engineering Controls

For normal application, special ventilation is not necessary. If user's operation generates mist. use ventilation to keep exposure to airborne contaminants below exposure limits. Make up air should always be supplied to balance air removed by exhaust ventilation.

### Personal Protection Equipment

<b>Eyes</b>	Use chemical splash goggles if risk of splashing is present.
<b>Skin</b>	Use oil resistant gloves and rubber or plastic apron.
<b>Respiratory</b>	Use self-contained breathing apparatus in high vapour concentrations.

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Liquid
<b>Colour</b>	Amber colour
<b>Odour</b>	Characteristic
<b>Odour Threshold</b>	Not available
<b>pH</b>	Not available
<b>Boiling Point</b>	Not available
<b>Pour Point</b>	-50°C
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	94°C
<b>Flammability</b>	Not available
<b>Upper and Lower Explosive Limits</b>	Not available
<b>Vapour Pressure</b>	28kPa at 38°C
<b>Vapour Density</b>	Not available
<b>Specific Gravity</b>	0.89 (20°C)
<b>Water Solubility</b>	Insoluble
<b>Partitioning Coefficient</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Kinematic Viscosity</b>	Not available
<b>Particle Characteristics</b>	Not available

## Section 10. Stability and Reactivity

<b>Stability of Substance</b>	This product is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Not available
<b>Conditions to Avoid</b>	Sources of ignition.
<b>Incompatible Materials</b>	Avoid contact with oxidizing agents.
<b>Hazardous Decomposition Products</b>	Oxides of carbon, sulfur and dense smoke.

## Section 11 Toxicological Information

### Acute Effects:

<b>Swallowed</b>	No significant hazard. Minimal toxicity. Ingestion of large amounts may cause intestinal obstruction. If drawn into lungs from swallowing or vomiting, may cause bronchiopneumonia or
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	pulmonary edema.
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	No inhalation dangers at room temperatures as there are no vapours. If the product is misted, high concentrations of vapour and/or mist may cause irritation, experienced as nasal discomfort and discharge.
<b>Eye</b>	Slight irritation to eyes but will not injure eye tissue.
<b>Skin</b>	Not triggered, however frequent or prolonged contact may irritate the skin and cause mild irritation.

#### Chronic Effects:

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	Not applicable.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	Not applicable.

#### Individual component information:

##### Acute Toxicity:

Chemical Name	Oral – LD50	Dermal – LD50	Inhalation – LC50
Calcium Alkyl naphthalenesulfonate / carboxylate	>5000 mg/kg (rat)	>2000mg/kg (rabbit)	>2500mg/m <sup>3</sup> /4hr(Rat)

#### Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

<b>Product:</b>	
<b>Persistence and degradability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other adverse effects</b>	No data available

#### Section 13. Disposal Considerations

##### Disposal Method:

Triple rinse and dispose according to Local Regulations.

**Precautions or methods to avoid:** None known.

#### Section 14 Transport Information

**This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2012**

#### Section 15 Regulatory Information

This substance is NOT classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

#### Section 16 Other Information

##### Glossary

EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority

HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2017 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

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Please contact the Power Up Lubricants, if further information is required.

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