

**SAFETY DATA SHEET**  
According to  
**HSNO Hazardous Substances (Safety Data Sheets) Notice 2017**

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

Product: Spray on Gasket Lubricant  
Product Use: Gasket Lubricant  
Restriction of Use: Refer to Section 15

New Zealand Supplier: Hydroflow Limited  
Address: 221 Bush Road  
Albany  
Auckland 0632

Telephone: +64 9 415 6151  
Fax Number: +64 9 415 6150

**Emergency Telephone: 0800 766 764 (National Poison Centre)**

Date of SDS Preparation: 18 September 2019

**Section 2. Hazards Identification**

**This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2017**

**EPA Approval Code: Aerosols (Flammable) - HSR002515**

**Pictograms**



Flammable Ecotoxic

HSNO Class.	Hazard Code	Hazard Statement	GHS Category
2.1.2A	H222	Extremely flammable aerosol.	Flam. Aero. 1
6.3B	H316	Causes mild skin irritation.	Skin Irrit. 3
9.1B	H411	Toxic to aquatic life with long lasting effects.	Aquatic Chronic 2

**Prevention Code      Prevention Statement**

P103	Read label before use.
P210	Keep away from heat, sparks, open flames or hot surfaces. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Pressurized container: Do not pierce or burn, even after use.
P273	Avoid release to the environment.

**Response Code                      Response Statement**

P391	Collect spillage.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.

**Storage Code                              Storage Statement**

P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C.
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**Disposal Code                              Disposal Statement**

P501	Dispose of according to Local Regulations or Authorities
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**Section 3.                              Composition / Information on Ingredients**

<b>Ingredients</b>	<b>Wt%</b>	<b>CAS NUMBER.</b>
Hydrocarbon Propellant	32-40	68476-86-8
Mineral Oil	18-24	8042-47-5
Petrolatum	16-24	8009-03-08
Proprietary	4-20	N/A
Synthetic Isoparaffinic Hydrocarbon	16-24	64742-48-9
B-Carotene	<1	7235-40-7
Corn Oil	<1	8001-30-7

**Section 4.                              First Aid Measures**

Routes of Exposure:

If in Eyes                              Rinse cautiously with water for several minutes. If eye irritation occurs: Get medical advice.

If on Skin                              Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. Seek medical attention if needed.

If Swallowed                              Rinse mouth. Do not give anything to the mouth of an unconscious person. Seek medical attention 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. Get medical advice if breathing becomes difficult.

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

Symptoms:

**Ingestion:**                              Not applicable.  
**Inhalation:**                              Not applicable.  
**Skin:**                                      Causes mild skin irritation.  
**Eye:**                                      Not applicable.  
**Chronic:**                                Not applicable.

**Section 5.                              Fire Fighting Measures**

<b>Hazard Type</b>	Flammable Aerosol
<b>Hazards from decomposition products</b>	Carbon dioxide, carbon monoxide and other oxides may be generated as a product of combustion.

<b>Suitable Extinguishing media</b>	Carbon dioxide, dry chemical, mist, water spray, or foam
<b>Precautions for firefighters and special protective clothing</b>	Water may be ineffective, but water fog can be used to cool containers. Use a self-contained breathing apparatus and full protective equipment. Unusual firefighting conditions: extremely flammable containers subjected to temperatures in excess of 50°C are subject to sudden release of pressure and contents, and may rocket, dense smoke may be generated while burning.
<b>HAZCHEM CODE</b>	<b>2YE</b>

**Section 6. Accidental Release Measures**

In that this product is packaged in a sealed aerosol container, a spill is unlikely. A leaking can may, with caution, be placed in a plastic bag or pail until pressure has dissipated. All precautions and data from previous sections apply. Minor spills or leakage may be absorbed with appropriate materials and disposed in accordance with local regulations. Vapours are heavier than air. Remove all sources of ignition. Notify appropriate authorities of spill.

**Section 7. Handling and Storage**

**Handling**

- Read label before use.
- Keep away from heat, sparks, open flames or hot surfaces. No smoking.
- Do not spray on an open flame or other ignition source.
- Pressurized container: Do not pierce or burn, even after use.
- Avoid release to the environment.

**Storage**

- Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

**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 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 2017 9TH EDITION.

**Engineering Controls**

Good engineering practices must be in place to ensure adequate ventilation to maintain concentrations of vapours or mists below specified exposure limits

**Personal Protection Equipment**



<b>Eyes</b>	None required. however, eye protection is a good industrial practice and is recommended.
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<b>Skin</b>	No skin protection is required for single, short duration exposures. For prolonged or repeated exposures, use impervious clothing to protect areas subject to exposure.
<b>Respiratory</b>	Respiratory protection is not required under conditions of normal use. An organic vapor respirator with a dust and mist filter may be used. All respirators must be NIOSH certified. Do not use compressed oxygen in hydrocarbon atmospheres.

<b>Section 9                      Physical and Chemical Properties</b>
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<b>Appearance</b>	Yellow Gold Liquid
<b>Odour</b>	Mild
<b>Odour Threshold</b>	Not available
<b>pH</b>	Not available
<b>Boiling Point</b>	Not available
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	-91°C
<b>Flammability</b>	Not available
<b>Upper and Lower Explosive Limits</b>	1.8%, 9.6%
<b>Vapour Pressure</b>	70 Psi @ 21°C
<b>Vapour Density (Air =1)</b>	<1
<b>Specific Gravity</b>	0.695 g/cm <sup>3</sup>
<b>Water Solubility</b>	Insoluble in water
<b>Partition 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

<b>Section 10. Stability and Reactivity</b>
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<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>	High heat, sources of ignition. Do not store in direct sunlight. Do not store above 50°C.
<b>Incompatible Materials</b>	Strong Oxidizing Agents.
<b>Hazardous Decomposition Products</b>	Carbon monoxide, carbon dioxide, oxides of nitrogen and hydrogen cyanide.

<b>Section 11                      Toxicological Information</b>
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**Acute Effects:**

<b>Swallowed</b>	Not applicable.
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Not triggered, however excessive inhalation of vapors may cause irritation to the respiratory tract, dizziness, headache, fatigue or asphyxiation.
<b>Eye</b>	Not applicable.
<b>Skin</b>	Causes mild skin 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.

### Section 12. Ecotoxicological Information

HSNO Classes: 9.1B = Toxic to aquatic life with long lasting effects.

<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

Do not allow to enter waterways.

### Section 13. Disposal Considerations

Disposal of this product must comply with the requirements of the Resource Management Act for which approval should be sought from the Regional Authority. The substance must be treated and therefore rendered non-hazardous before discharge to the environment.

Pressurised container: Do not puncture or incinerate containers. Send to landfill or similar. Dispose of large quantities as hazardous waste.

### Section 14 Transport Information

**This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2012**



#### Road, Rail, Sea and Air Transport

<b>UN No</b>	1950
<b>Class - Primary</b>	2.1
<b>Packing Group</b>	None allocated
<b>Proper Shipping Name</b>	AEROSOLS
<b>Marine Pollutant</b>	Yes

### Section 15 Regulatory Information

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

EPA Approval Code: Aerosols (Flammable) – HSR002515

HSNO Classification: 2.1.2A, 6.3B, 9.1B

<b>HSW (HS) Regulations 2017 and EPA Notices</b>	<b>Trigger Quantity</b>
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Product Name: Spray On Gasket Lubricant  
Date of SDS: 18 September 2019

Prepared by: Technical Compliance Consultants (NZ) Ltd  
Tel: +64 9 475 5240 www.techcomp.co.nz

Certified Handler	Not required
Location Certificate	3000 L awc (2.1.2A)
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000 L (9.1B) or 3000 L awc (2.1.2A)
Emergency Response Plan	1000 L (9.1B) or 3000 L awc (2.1.2A)
Secondary Containment	1000 L (9.1B) or 3000 L awc (2.1.2A)
Restriction of Use	Only use for the intended purpose.

## 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 New Zealand distributor, if further information is required.

Issue Date: 18 September 2019

Review Date: 18 September 2024