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 Distributors 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:	1 May 2025 v2

Section 2. Hazards Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: Aerosols (Flammable) - HSR002515

Pictograms

GHS Classification and Category	Hazard Code	Hazard Statement
Aerosol Cat. 1	H222	Extremely flammable aerosol.
	H229	Pressurised container: may burst if heated.
Hazardous to the aquatic environment chronic Cat. 2	H411	Toxic to aquatic life with long lasting effects.

Prevention Code	Prevention Statement
P103	Read carefully and follow all instructions.
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.

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

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations or Authorities

Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
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: None known.

Section 5. Fire Fighting Measures

Hazard Type	Flammable Aerosol
Hazards from decomposition products	Carbon dioxide, carbon monoxide and other oxides may be generated as a product of combustion.
Suitable Extinguishing media	Carbon dioxide, dry chemical, mist, water spray, or foam
Precautions for firefighters and special protective clothing	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 50^0C are subject to sudden release of pressure and contents, and may rocket, dense smoke may be generated while burning.
HAZCHEM CODE	**2YE**

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 carefully and follow all instructions.
- 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)

	TWA		STEL	
Substance	**ppm**	**mg/m³**	**ppm**	**mg/m³**

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 FEB 2025 15TH 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

Eyes	None required. however, eye protection is a good industrial practice and is recommended.
Skin	No skin protection is required for single, short duration exposures. For prolonged or repeated exposures, use impervious clothing to protect areas subject to exposure.
Respiratory	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 used compressed oxygen in hydrocarbon atmospheres.

Section 9 Physical and Chemical Properties

Appearance	Yellow Gold Liquid
Odour	Mild
Odour Threshold	Not available

pH	Not available
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	-91^{0}C
Flammability	Not available
Upper and Lower Explosive Limits	1.8%, 9.6%
Vapour Pressure	70 Psi @ 21^{0}C
Vapour Density (Air =1)	<1
Specific Gravity	0.695 g/cm^3
Water Solubility	Insoluble in water
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Kinematic Viscosity	Not available
Particle Characteristics	Not available

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions.
Possibility of hazardous reactions	Not available
Conditions to Avoid	High heat, sources of ignition. Do not store in direct sunlight. Do not store above 50^{0}C.
Incompatible Materials	Strong Oxidizing Agents.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, oxides of nitrogen and hydrogen cyanide.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Not triggered, however excessive inhalation of vapors may cause irritation to the respiratory tract, dizziness, headache, fatigue or asphyxiation.
Eye	Not applicable.
Skin	Not applicable.

Chronic Effects:

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

Section 12. Ecotoxicological Information

Toxic to aquatic life with long lasting effects.

Product:	
Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	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 5433:2020

Road, Rail, Sea and Air Transport

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

Section 15 Regulatory Information

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: Aerosols (Flammable) – HSR002515

HSW (HS) Regulations 2017 and EPA Notices	**Trigger Quantity**
Certified Handler	Not required
Location Certificate	3000 L awc
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000 L
Emergency Response Plan	1000 L
Secondary Containment	1000 L
Restriction of Use	Only use for the intended purpose.

Section 16 Other Information

Glossary

EC_{50}	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority

HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC_{50}	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD_{50}	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 FEB 2025 15th edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC (NZ) have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC (NZ) Ltd accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

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Please contact the New Zealand distributor, if further information is required.

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