



## SAFETY DATA SHEET

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

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

Product: **HydraSum**  
Product Use: Hydraulic oil additive  
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: 2 March 2026

### Section 2. Hazards Identification

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

**EPA Approval No: Additives, Process Chemicals and Raw Materials (subsidiary) – HSR002503**

#### Pictograms



Signal Word: **Warning**

GHS Classification and Category	Hazard Code	Hazard Statement
Eye irritation Cat. 2	H319	Causes serious eye irritation.
Reproductive toxicity Cat. 2	H361	Suspected of damaging fertility or the unborn child.

Prevention Code	Prevention Statement
P103	Read carefully and follow all instructions.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P264	Wash hands thoroughly after handling.
P280	Wear protective clothing [as detailed in SDS Section 8].

Response Code	Response Statement
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Product Name: **HydraSUM**  
Date of SDS: 2 March 2026

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

P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.

<b>Storage Code</b>	<b>Storage Statement</b>
P405	Store locked up.

<b>Disposal Code</b>	<b>Disposal Statement</b>
P501	Dispose of according to Local Regulations or Authorities

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

Ingredients	Wt%	CAS NUMBER.
Alkanes, C24-28, chloro	20 - 40	1402738-52-6
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based Baseoil - unspecified	20 - 40	72623-86-0
Distillates (petroleum), hydrotreated light naphthenic	10 - 30	64742-53-0
Calcium bis(dinonylnaphthalenesulphonate)	5 - 10	57855-77-3
Fatty acids, coco, oxybis(2,1 ethanediyoxy-2,1-ethanediyl) esters	1 - 5	69278-77-9
Methyl-1H-benzotriazole	0.1 - 1	29385-43-1
Benzotriazole	0.1 - 1	95-14-7
Non hazardous	To bal	

### Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
If on Skin	Wash skin thoroughly with mild soap and water. Take off contaminated clothing and wash it before reuse. Get medical attention if symptoms occur.
If Swallowed	Do not induce vomiting. Rinse mouth out with water. Get medical advice/attention if you feel unwell.
If Inhaled	If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.

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

Symptoms:

Swallowed: Abdominal pain, nausea.

Inhalation: At high concentrations, the vapors can be irritating to the respiratory system.

Eyes: Causes serious eye irritation. Blurred vision. Redness, itching, tears.

Skin: Not expected to present a significant skin hazard under anticipated conditions of normal use.

Chronic: Suspected of damaging fertility or the unborn child.

Notes to Doctor: Treat symptomatically.

### Section 5. Fire Fighting Measures

<b>Hazard Type</b>	Non-Flammable
<b>Hazards from combustion products</b>	Presents no particular fire or explosion hazard. Burning produces stinking and toxic fumes. In case of fire and/or explosion do not breathe fumes. Toxic fumes may be released. Carbon dioxide. Carbon monoxide. Sulphur oxides. Calcium oxide. Phosphorus oxides. Nitrogen oxide. Zinc oxide. chlorine oxides. Hydrogen sulphide.
<b>Suitable Extinguishing media</b>	Dry powder. Carbon dioxide. Water spray. Foam. Use extinguishing agent suitable for surrounding fire. Do not use a heavy water stream.
<b>Precautions for firefighters and special protective clothing</b>	Wear a self-contained breathing apparatus. Wear fire/ flame resistant/retardant clothing. Do not attempt to take action without suitable protective equipment. Evacuate the danger area. Move containers from fire area if it can be done without personal risk. Use water spray or fog for cooling exposed containers. Fight fire from safe distance and protected location. Use extinguishing media appropriate for surrounding fire. Prevent fire-fighting water from entering environment.
<b>HAZCHEM CODE</b>	<b>None Allocated</b>

## Section 6. Accidental Release Measures

Clear area of all unprotected personnel. Wear protective equipment as detailed in Section 8.

Avoid release to the environment. If product enters waterways notify authorities.

Stop leak, if possible without risk. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Caution: this product can cause the floor to be slippery.

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

## Section 7. Handling and Storage

### Precautions for Handling:

- Read carefully and follow all instructions.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Wash hands thoroughly after handling.
- Wear protective clothing [as detailed in SDS Section 8].
- Take all necessary technical measures to avoid or minimize the release of the product on the workplace.
- Ensure good ventilation of the workstation.
- Provide local exhaust or general room ventilation.
- Do not breathe vapors.
- Do not get in eyes, on skin, or on clothing.
- Avoid contact during pregnancy and while nursing.

### Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Store locked up.
- Keep out of reach of children.
- Keep only in the original container in a cool, well-ventilated place away from : Direct sunlight, strong oxidizers.
- Store in a dry place.
- Keep away from food, drink and animal feed.
- Keep container tightly closed.
- Containers which are opened should be properly resealed and kept upright to prevent leakage.

## 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 Feb 2025 15<sup>TH</sup> EDITION.

## Engineering Controls

Provide local exhaust or general room ventilation. Ensure exposure is below occupational exposure limits (where available). Handle in accordance with good industrial hygiene and safety procedures. Avoid all unnecessary exposure. Avoid contact during pregnancy/while nursing.

## Personal Protection Equipment



<b>Eyes</b>	Chemical goggles or safety glasses.
<b>Hands</b>	Wear suitable gloves resistant to chemical penetration. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer.
<b>Body</b>	Wear suitable protective clothing. Skin protection appropriate to the conditions of use should be provided.
<b>Respiratory</b>	Where excessive vapor, mist, or dust may result, use approved respiratory protection equipment.

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Liquid
<b>Colour</b>	Clear light amber
<b>Odour</b>	No data available
<b>Odour Threshold</b>	Not available
<b>pH (20°C)</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>	204°C (closed cup)
<b>Flammability</b>	Not available
<b>Upper and Lower Explosive Limits</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density</b>	Not available
<b>Density</b>	0.98 g/cm <sup>3</sup> (20 °C)
<b>Specific Gravity</b>	Not available
<b>Water Solubility</b>	Not available
<b>Partition Coefficient:</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Kinematic Viscosity</b>	94 mm <sup>2</sup> /s (40 °C)
<b>Particle Characteristics</b>	Not available
<b>Pour Point</b>	-24 °C
<b>Fire Point</b>	218 °C

## Section 10. Stability and Reactivity

<b>Stability of Substance</b>	This product is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	None expected under normal conditions of use.
<b>Conditions to Avoid</b>	Protect from sunlight. Overheating. Extremely high or low temperatures.
<b>Incompatible Materials</b>	Oxidising agents.
<b>Hazardous Decomposition Products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11 Toxicological Information

### Acute Effects:

<b>Swallowed</b>	Not applicable.
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Causes serious eye irritation.
<b>Skin</b>	Not applicable.

### Chronic Effects:

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	Suspected of damaging fertility or the unborn child.
<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

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in 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 recycle where possible.

**Precautions or methods to avoid:** Avoid release to the environment.

## Section 14 Transport Information

**This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2020**

## Section 15 Regulatory Information

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

<b>HSW (HS) Regulations 2017 and EPA Notices</b>	<b>Trigger Quantity</b>
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	Not required
Emergency Response Plan	Not required
Secondary Containment	Not required
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 FEB 2025 15<sup>th</sup> 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**

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

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