

Section 1 - Identification of the Material and Supplier

Product Name: Anaconda (Lithium Complex (NLGI 2))
Product Code: 60723
Product Use: Multi-Purpose Grease for High and Low Temperature Applications

Supplier: Oil Intel Limited
 56 Whakatu Road, Whakatu
 Hastings 4172
 NEW ZEALAND
 Phone: +64 (06) 871 53 25
 Fax: +64 (06) 870 48 90

EMERGENCY TELEPHONE NUMBER: 0800 734 607 (New Zealand)
Chemical Nature:
Creation Date: December 2013
This Version Issued: July 2018 and is valid for 5 years from this date.

Section 2 – Hazards Identification

Statement of Hazardous Nature

This product is classified as: Non-Hazardous Substance. Non-Dangerous Goods.

NOHSC Classification: Not classified as hazardous.

ADG Classification: Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Note: Combustible materials may be classified as Class 9: Miscellaneous Dangerous Goods if transported with flammable materials. See ADG code for further information.

Section 3 – Composition/Information on Ingredients

Ingredients	CAS No.	Conc, %	TWA (mg/m ³) STEL (mg/m ³)
Solvent de-waxed petroleum residual oil	64742-62-7	>60	not set
Distillates (petroleum) solvent de-waxed, heavy paraffinic oil	64742-65-0	10-30	not set
Other non-hazardous ingredients		10-30	not set
Lithium 12-hydroxyoctadecanoate sebacate complexes.	68815-49-6	<10	not set

Section 4 – First Aid Measures

Ingestion: Do NOT induce vomiting. Immediately wash out mouth with water, and then give plenty of water to drink. Seek medical attention.

Eye: Rinse eyes immediately with water for at least 15 minutes. In case of irritation, seek medical advice.

Skin: Remove all contaminated clothing. Wash gently and thoroughly with water and non-abrasive soap. Ensure contaminated clothing is washed before re-use or discard. If irritation develops and persists, seek medical attention. Should grease be accidentally injected under the skin no matter how minor, seek IMMEDIATE medical attention.

Inhalation: Remove the patient to fresh air. Ensure airways are clear and have a qualified person give oxygen through a facemask if breathing is difficult. If irritation develops, seek medical attention.

Advice to Doctor: Treat symptomatically. NOTE: High Pressure Applications: Injections under the skin, resulting from contact with high pressure, constitutes a major medical emergency. Injuries may not appear serious at first but within a few hours, tissue becomes swollen, discoloured and extremely painful with extensive subcutaneous necrosis. Surgical exploration should be undertaken without delay. Thorough and extensive debridement of the wound and underlying tissue is necessary to minimise tissue loss and prevent or minimise permanent damage. Note that the high pressure may force the product considerable distance along the tissue.

Section 5 – Fire Fighting Measures

Fire/Explosion Hazard: Classified as C2 (Combustible liquid).

Means of Extinction: Use water as fog or spray to cool fire exposed containers. Do not use direct stream of water; product will float, possibly re-igniting.

Fire Fighting Precautions: Self-Contained Breathing Apparatus (SCBA) and full protective clothing should be worn.

Flashpoint: >240°C (COC)

Hazardous Combustion Products: Carbon oxides.

Section 6 – Accidental Release Measures

Leak and Spill Procedures: SMALL – 20 LITRES OR LESS Soak up with inert oil absorbent. Arrange for disposal through an approved facility. LARGE – GREATER THAN 20 LITRES Remove all sources of ignition. Increase ventilation. Evacuate all unnecessary personnel. Wear full protective equipment and clothing to minimise exposure. If possible contain the spill. Place inert absorbent material such as vermiculite, sand or dirt on spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. If large quantities of this material enter the waterways contact the Environmental Protection Authority or your local Waste Management Authority.

Section 7 – Handling and Storage

Handling: Repeated or prolonged contact with this material should be avoided in order to lessen the possibility of skin disorders. It is essential that all who come into contact, maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking or going to the toilet. Build-up of mists in the working atmosphere must be prevented. Misuse of the empty containers can be hazardous. Do not cut, weld, heat or drill containers. Residue may ignite with explosive violence if heated sufficiently. Do not pressurise or expose to open flame or heat. Keep container closed and bung in place.

Storage Requirements: Classified as a combustible substance for storage and handling purposes. Store in a cool, dry, well-ventilated area, out of direct sunlight. Avoid sparks, flames, and other ignition sources. Store away from incompatible materials such as materials that support combustion (oxidising materials). Reference should be made to the Australian Standard AS1940 – The storage and handling of flammable and combustible liquids.

Section 8 – Exposure Controls and Personal Protection

SWA Exposure Limits

Oil, mineral

TWA (mg/m³)

5 (mist)

STEL (mg/m³)

10(mist)

Exposure Standard means the average concentration of a particular substance in the worker's breathing zone, exposure to which, according to current knowledge, should not cause adverse health effects nor cause undue discomfort to nearly all workers. It can be of three forms; time-weighted average (TWA), peak limitation, or short-term exposure limit (STEL).

Biological Limit Values: No biological limit allocated.

Engineering Control: The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures or otherwise to maintain ambient concentration below the recommended threshold exposure limits.

Respirator Type: Avoid breathing vapours or mists. Select and use respirators in accordance with AS/NZS 1715/1716. When vapours are generated, the use of the following is recommended; half-face piece respirator with dust/mist filters. The appropriate filter capacity and respirator type will depend on exposure levels encountered.

Eye Protection: Chemical safety goggles are recommended. If handled hot, full face shields should be worn.

Glove Type: Use of impervious rubber gloves is recommended.

Clothing: Clothing should be suitable to avoid product contacting the skin on a prolonged or repeated basis.

Section 9 – Physical and Chemical Properties

Physical State:	Solid
Odour and Appearance:	Negligible. Red Smooth Grease.
Melting Point:	>250°C
Solubility:	<0.1g/L
Specific Gravity:	0.9g/cm ³
Soap Type:	Lithium Complex
Penetration, Worked at 25°C 60 Strokes:	265-295

Section 10 – Stability and Reactivity

Chemical Stability: Stable under normal conditions of storage and handling.

Incompatible Materials: Strong oxidising agents.

Hazardous Reactions: No hazardous polymerisation will occur.

Hazardous Decomposition Products: Carbon oxides.

Section 11 – Toxicological Information

Toxicity: The classification as a carcinogen need not apply in this case as the main constituents in this product are in accordance with Note L of the NOHSC Designated List of Hazardous Substances (containing less than 3% DMSO extract as measured by IP346).

Routes of Entry:

- **Skin:** May dry and defat the skin, resulting in skin irritation and possible dermatitis. Grease accidentally injected under the skin can result in local necrosis and tissue damage.
- **Eyes:** May cause slight to moderate eye irritation, resulting in redness and stinging.
- **Inhalation:** May cause irritation to the mucous membrane and upper airways, especially if the material is heated or mists are generated and/or used in poorly ventilated areas.
- **Ingestion:** May cause irritation to the mouth, oesophagus and stomach. Symptoms may include nausea, vomiting and diarrhoea.

Section 12 – Ecological Information

Ecotoxicity: No ecotoxicological classifications.

Persistence and Degradability: This product is inherently biodegradable.

Mobility: Spillages are unlikely to penetrate the soil.

Section 13 – Disposal Considerations

Waste Disposal: Dispose of waste according local and national regulations.

Section 14 – Transport Information

DG Class: Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Note: Combustible materials may be classified as Class 9: Miscellaneous Dangerous Goods if transported with flammable materials. See ADG code for further information.

Section 15 – Regulatory Information

New Zealand Regulatory Information:

HSNO Approval Number HSR002605
HSNO Group Standard Lubricants (Low Hazard) Group Standard 2006

HSNO Classification 6.3 - SKIN IRRITATION - Category B
6.4 - EYE IRRITATION - Category A (Irritant)
9.1 - AQUATIC ECOTOXICITY - Category D

Regulation according to other foreign laws:

AICS: All ingredients present on AICS.

Section 16 – Other Information

This MSDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)
AICS Australian Inventory of Chemical Substances
SWA Safe Work Australia, formerly ASCC and NOHSC
CAS Number Chemical Abstracts Service Registry Number
Hazchem Code Emergency action code of numbers and letters that provide information to emergency services especially fire-fighters
IARC International Agency for Research on Cancer
NOS Not otherwise specified
NTP National Toxicology Program (USA)
R-Phrase Risk Phrase
SUSMP Standard for the Uniform Scheduling of Medicines & Poisons
UN Number United Nations Number

THIS MSDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS MSDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

This MSDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (December 2011)
Copyright © Kilford & Kilford Pty Ltd, October, 2015.

<http://www.kilford.com.au/> Phone (02)9251 4532

