PRECISION LUBRICATION

MATERIAL SAFETY DATA SHEET

Product Name	LITHIUM COMPLEX GREASE
Product Code	
Symbols	Not Classified
Labeling for Transport	Not Classified

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	LITHIUM COMPLEX GREASE
Supplier	NONA INDUSTRIAL CC
Updated	April 2023
Review	April 2025
CAS Number	N/A
UN Number	N/A
Health Emergency Telephone	(011) - Red Cross Poison
Transport Emergency Telephone	(011) 331 2947 (Haxchem)

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients considered hazardous to Health:

Chemical Names and Synonyms;	Petroleum Hydrocarbon
Substance Name:	Wt%

Chemical Name	CAS Number	Weight %
Lithium 12-hydroxystearate	7260-77-7	<5.00
Zinc Dialkyl Dithiophosphate	68649-42-3	<1.00
n-Phenyl Benzenamine	68411-46-1	<1.00

SECTION 3. HAZARDOUS IDENTIFICATION

US OSHA Hazard communication Standard	Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined not to be hazardous.
Note	Keep good personal hygiene and avoid prolonged exposure.
Emergency Response Data	Lubricating Grease

SECTION 4. FIRST AID MEASURES

Inhalation	Not expected to be a problem.
Skin	Dry wipe the skin. Cleanse the area with waterless hand cleaner, and follow by washing thorughly with soap and water.
Eyes	Flush thoroughly with water. if irritation occurs , call a doctor.
Ingestion	Seek medical attention. if medical attention will be delayed , induce vomiting with syrup of ipecac followed by 1/2 to 1 full glass of water. If syrup is not available, induce vomiting bu placing finger down the throat. Do not induce vomiting or give anything by mouth to an unconscious person

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing media	Carbon dioxide, foam, dry chemical,.
Special Fire-fighting procedures	Water or foam may cause frothing. Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. Prevent runoff from fire control or dilution from entering streams, sewers. or drinking water supply.
Special protective equipment	For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.
Unusual fire and explosion hazards	Avoid ingestion sources.
Flashpoint C	>204 (ASTM D-92) Flammable limits - LEL: NA, UEL:NA

NFPA Hazard ID:

Health	0
Flammability	1
Reactivity	0
Hazardous decomposition products	Carbon Dioxide Carbon Monoxide

SECTION 6. ACCIDENTAL RELEASE MEASURES

Notification procedures	Report spill as required to appropriate authorities.
Procedures if the materials is released or spilled	Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.
Environmental precautions	Prevent spills from entering storm sewers or drains and contact with soil.
Personal precautions	See Section 8

SECTION 7. HANDLING AND STORAGE

Handling	No special precautions are necessary beyond normal good hygiene practices.
Storage	Do not store in open or unlabeled containers. Store away from strong oxidizing agents or combustible materials.

SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Ventilation	If formation of fumes or vapours occurs ensure extensive ventilation.
Respiratory Protection	No special requirements under ordinary conditions of use and with adequate ventilation.
Eye Protection	Normal industrial eye protection when handling liquids should be worn.
Skin Protection	Use chemical-resistant apron and/or other clothing to avoid contact.

Occupational exposure limits:

	LTEL	STEL	NOTE
Substance name (CAS-No)	Source ppm mg	m3 ppm mg	m3
Asphalts(Petroleum)	-	-	-

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Viscous Grease
Colour	Red
Odour	Mild
pH	N/A
Boiling Point (Celsius)	N/A
Flash Point	>190
Flammability	Flammable
Auto Flammability	N/E
Explosive Properties	N/A
Oxidizing Properties	N/A

Vapour pressure mmHg 200C	<0.1
Density at 25°C	0.881
Solubility in water	Immiscible

N/A = Not Applicable, N/E = Not Established, D = Decomposes
For further technical information, contact your marketing representative

SECTION 10. STABILITY AND REACTIVITY

Reactivity	No specific test data related to reactivity available for this product or ingredients.
Chemical stability	The product is stable
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur
Conditions to avoid	No specific data
incompatible materials	No specific data
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11. TOXICOLOGICAL INFORMATION

Oral toxicity	Practically non-toxic (LD50: greater than 2000mg/kg). Based on testing of similar products and/or the components.
Dermal toxicity	Practically non-toxic (LD50: greater than 2000 mg/kg). Based on testing of similar products and /or the components.
Inhalation toxicity	Not established.
Eye irritation	Practically non-irritating. Based on testing of similar products and/or the components.
Skin irritation	Practically non-irritating. Based on testing of similar products and/or the components.

SECTION 12. ECOLOGICAL INFORMATION

Environmental fate and effects	Not established.

SECTION 13. DISPOSAL INFORMATION

Waste disposal:
Dispose of waste at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.

SECTION 14. TRANSPORT INFORMATION

USA DOT	Not regulatory
IMO	Not regulated by IMO
IATA	Not regulated by IATA

SECTION 15. REGULATORY INFORMATION

U.S. Superfund Amendments and Regulations
This product contains NO “Extremely Hazardous Substances”
This product contains no chemical reportable under SARA (313) Toxic Release Programme.
The following product ingredients are cited on the list below:

Chemical Name	CAS Number	List Citations
Paraffinic Extract	64742-04-7	7, 17
Regulatory list searched		
1 = ACGIH ALL	**11 = TSCA 4**	
2 = ACGIH A1	**12 = TSCA 5a2**	
3 = ACGIH A2	**13 = TSCA 5e**	
4 = NTP	**14 = TSCA 6**	
5 = NTP A	**15 = TSCA 12b**	
6 = IAC 1	**16 = CA P65**	
7 = IAC 2A	**17 = CA RTK**	
8 = IARC 2B	**18 = FL RTK**	
9 = OSHA	**19 = IL RTK**	
19 = IL RTK	**20 = LA RTK**	

Code Key;
CARC = Carcinogen
SUS = Suspected Carcinogen

SECTION 16. OTHER INFORMATION

Use	Lubricant

Ingredient	Percent	CAS Number
Synthetic Extract	>70	63161-02-6
Additives/Thickener	>15	61516-01-6

SECTION 17. DISCLAIMER

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; the user therefore assumes all risks of use of the product and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product.

Nothing is intended as a recommendation for uses, which infringe valid patents, or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and use

Prepared by	NONA INDUSTRIAL CC Product Technical Services

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