PRECISION LUBRICATION

MATERIAL SAFETY DATA SHEET

Product Name	LITHIUM LITHIUM GRAPHITE GREASE
Product Code	
Synkom	Not Classified
Labeling for Transport	Not Classified

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	Lithium Graphite Grease
Supplier	NONA INDUSTRIAL CC
Updated	Feb. 2025
Review	-
CAS Number	N/A
UN Number	N/A
Health Emergency Telephone	(011) - Red Cross Poison
Transport Emergency Telephone	(011) 331 2947 (Hazchem)

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients considered hazardous to Health:

Chemical Names and Synonyms;	Composition / Information on Ingredients
Substance Name:	W1%
Paraffinic Extract	75
Thickener / Solids/ Additives	25

SECTION 3. HAZARDOUS IDENTIFICATION

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

SECTION 4. FIRST AID MEASURES

Eyes Contact	Flush thoroughly with water. If irritation occurs, call doctor.
Skin Contact	Dry-wipe the skin. Cleanse the area with waterless hand cleaner, and follow by washing thoroughlywith soap and water.
Inhalation	Not expected to be a problem.
Ingestion	Seek medical attention. If medical attention will be delayed, induce vomiting with syrup of ipecac followed by ½ to 1 full glass of water. If syrup is not available, induce vomiting by placing finger down the throat. Do not induce vomiting or give anything by mouth to an unconscious patient.

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 spilt 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	No special requirement under ordinary conditions of use and with adequate 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)	(8052-42-4)	ACGIH	5

Note: Limits shown for guidance only. Follow applicable regulations.
Threshold limit value: 5.00 mg/m3

NFPA Hazard ID: Health: 0; Flammability: 1; Reactivity: 0

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Viscous grease
Colour	Black
Odour	Mild
pH	N/A
Boiling Point (Celsius)	N/A
Flash Point	>195
Flammability	Flammable
Auto Flammability	N/E
Explosive Properties	N/A
Oxidizing Properties	N/A
Vapor pressure mmHg 200C	<0.1
Density at 20°C	0.9861
Solubility in water	Negligible

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

SECTION 10. 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 11. ECOLOGICAL INFORMATION

Environmental fate and effects	Not established.

SECTION 14. DISPOSAL INFORMATION

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 15. TRANSPORT INFORMATION

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

SECTION 16. 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**	
10 = OSHA Z	**20 = LA RTK**	

Code Key:
CARC = Carcinogen
SUS = Suspected Carcinogen

SECTION 17. OTHER INFORMATION

Use	Lubricant

Ingredient	Percent	CAS Number
Paraffinic Extract	75	64742-04-7
Thickener / Solids/Additives	25	61516-01-6

SECTION 18. DISCLAIMER

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product are beyond the control of the manufacturer, and therefore, conditions of use and suitability are 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

For further information Please contact:	Technical manager P.O. Box Tel: 011 664 8659