PRECISION LUBRICATION

MATERIAL SAFETY DATA SHEET

Product Name	LEP 0 GREASE
Product Code	
Labeling for Transport	Not Classified

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	LEP 0 GREASE
Supplier	NONA INDUSTRIAL CC
Updated	Apr. 2021
Review	Apr. 2023
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%
Paraffinic Extract	>80
Additives/Thickener	>10

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.

Effects of Overexposure:
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 thoroughly with soap and water
Eyes	Flush thoroughly with water. If irritation occurs, call doctor.
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. Flash Point C: >204 (ASTM D-92) Flammable limits - LEL: NA, UEL: NA
Products of decomposition	Products of decomposition: Fumes, smoke, carbon monoxide, sulphur oxides, aldehydes and other decomposition products, in the case of incomplete combustion.

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 the appropriate authorities.
Procedures if the materials is released or spilled	LAND SPILL: Shut off source taking normal safety precautions. Take measures to minimize the effects on ground water. Recover by pumping using explosion-proof equipment or contain spilled liquid with sand or other suitable absorbent and remove mechanically into containers.
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 unlabelled containers. Store away from strong oxidizing agents or combustible materials.

SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Ventilation	No special requirements 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)	-	-	-

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Semi solid to solid
Colour	Light Brown
Solubility in water	Negligible
Odour	Mild
pH	N/A
Boiling Point (Celsius)	> 306 °C
Flash Point°C	>180
Flammability	Flammable
Auto Flammability	N/E
Explosive Properties	N/A
Oxidizing Properties	N/A

Vapor pressure mmHg 200C	< 0.1 hPa
Density at 20°C	0.850

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 its 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.
Governmental Inventory

The following product ingredients are cited on the list below:

The following product ingredients are cited on the lists 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 16. OTHER INFORMATION

Use	Lubricant

Ingredient	Percent	CAS Number
Paraffinic Extract	>80	63161-02-6
Additives/Thickener	>10	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

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