PRECISION LUBRICATION

MATERIAL SAFETY DATA SHEET

Product Name	GRINDING FLUID
Product Code	
Labeling for Transport	Not Classified

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	Grinding Fluid
Supplier	NONA INDUSTRIAL CC
Updated	Apr. 2024
Review	Apr. 2026
CAS Number	N/A
UN Number	N/A
Health Emergency Telephone	(011) – Red Cross Poison
Transport Emergency Telephone	(011) 331 2947 (Vaschem)

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Names and Synonyms:
Petroleum Hydrocarbon

Ingredients considered hazardous to Health:

Chemical Names and Synonyms:	Petroleum Hydrocarbon
Substance Name:	WT5
Water	>30
Additives/Thickener	Balance

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

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

General: Instantly remove any clothing soiled by the product.

Inhalation	No special requirements under ordinary conditions of use and with adequate ventilation
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 ¾ 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 based product. Use water to keep fire exposed containers cool. Water may be used to cool down and move 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

NFPA Hazard ID:

Health	0
Flammability	0
Reactivity	0
Hazardous decomposition products	N/A

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	In case of spills, beware ofslippery floors and surfaces.
Environmental precautions	Avoid releasete the environment. Prevent further leakage or spillage if safe to do so. Prevent from spreading (e.g. by bindingor oil barriers). Contaminate water must not be released into surrounding or sewage. Do not allow to enter drainage system,surface or ground water.
Methods and material for containment and cleaning up:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations. Stop the flow of material, if this is without risk.
Reference to other sections:	See Section 8 of the SDS for Personal Protective Equipment. See Section 7 for information on safe handling.See Section 13 for information on disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:	Product not harmful, will make surfaces slippery
Storage:	Do not store in open or unlabeled containers.

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	Generally eye contact with solid material is unlikely, however, if eye contact is likely, chemical type goggles 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
Surfactant	(6032-12-4)	ACGIH	65

Note:
Limits shown for guidance only. Follow applicable regulations.
Threshold limit value: 65.00 mg/m3

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Blue fluid
Colour	Blue
Solubility in water	Completely
Odour	Mild
Odour Threshold	N/A
pH	N/A
Boiling Point (Celsius)	>97
Flash Point°C	Nil
Flammability	N/A
Auto Flammability	N/E
Explosive Properties	N/A
Oxidising Properties	N/A
Vapor pressure mmHg 20OC:	<0.1
Density at 20°C	0.962
Pour point	N/E

N/A = Not Applicable, N/E = Not Established, 0 = Decomposes
For further technical information, contact your marketing representative

SECTION 10. STABILITY AND REACTIVITY

Reactivity	Stable under normal use conditions.
Chemical stability	Stable under normal use conditions.
Possibility of hazardous reactions	Stable under normal use conditions.
Conditions to avoid	Stable under normal use conditions.
Incompatible materials	Strong oxidizing substances. Strong acids. Strong bases.
Hazardous decomposition products	Thermal decomposition or combustion may liberate carbonoxides and other toxicgases or vapors.

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:

Chemical Name	CAS Number	List Citations
Paraffinic Extract	64742-54-7	777
Surfactants	8052-42-4	1,18, 19, 20, 21, 23, 25, 26
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	Metal Working Fluid

Ingredient	Percent
Paraffinic Extract	>30
Additives/Thickener	Balance

SECTION 17. DISCLAIMER

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Prepared by	NONA INDUSTRIAL CC Product Technical Services

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