

KANO LABORATORIES LLC
SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Super Lube® Railroad Switch Plate Lubricant with Syncolon®**Product Use:** Lubricant**Manufacturer:** Kano Laboratories LLC
24 DaVinci Drive, P.O. Box 405
Bohemia, NY 11716**Emergency Phone Number:** ChemTel 1-800 255-3924 (US/Canada), 1-813-248-0585 (International),
1-300-954-583 (Australia), 0-800-591-6042 (Brazil), 400-120-0751 (China), 000-800-188-4086 (India),
800-099-0731 (Mexico)**Manufacturer Phone Number:** (631) 567-5300**Website:** www.super-lube.com**SDS Date of Preparation:** November 3, 2024

SECTION 2: HAZARDS IDENTIFICATION

GHS / HAZCOM 2024/WHMIS 2022 Classification: Not classified as hazardous**Label Elements:** No labeling required

Other Hazards: None known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	%
Mineral Oil	8042-47-5	30-60
Non-Hazardous Ingredients	Proprietary	40-70

The specific identity and/or exact percentage has been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

Eye: Rinse thoroughly with water for several minutes, holding the eye lids open to be sure the material is washed out. Get medical attention if irritation develops or persists.**Skin:** Remove contaminated clothing. Wash contact area thoroughly with soap and water. Get medical attention if irritation persists. Launder clothing before re-use.**Inhalation:** Remove victim to fresh air. If breathing is difficult or irritation develops, get medical attention.**Ingestion:** Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious or drowsy person. Get medical attention.**Most important symptoms and effects, acute and delayed:** May cause mild eye and skin irritation. Inhalation of mist may cause upper respiratory tract irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting or diarrhea.**Indication of immediate medical attention and special treatment, if needed:** Immediate medical attention is not required.

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SECTION 5: FIRE FIGHTING MEASURES

Suitable (and Unsuitable) Extinguishing Media: Use water fog, carbon dioxide, dry chemical or foam.

Specific Hazards Arising from the Chemical: Product is not flammable but will burn under fire conditions. Combustion may produce oxides of carbon, phosphorus and nitrogen and unidentified organic compounds.

Special Protective Equipment and Precautions for Fire-fighters: Wear NIOSH approved positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, Protective equipment, and Emergency procedures: Wear appropriate protective clothing to avoid eye and skin contact as described in Section 8. Caution – slip hazard from spilled material.

Environmental precautions: Report spills and releases as required to appropriate authorities.

Methods and Materials for Containment and Cleaning up: Cover with an inert absorbent material and collect into an appropriate container for disposal. After removal, wash contaminated area thoroughly with soap and water.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with the eyes. Avoid prolonged contact with skin and clothing. Avoid breathing vapors, aerosols and mists. Use with adequate ventilation. Wash thoroughly with soap and water after use. Keep containers closed when not in use.

Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, dry, well-ventilated location away from oxidizing agents and other incompatible materials.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	Exposure Limits
Mineral Oil	5 mg/m3 (inhalable) TWA ACGIH TLV 5 mg/m3 TWA OSHA PEL
Non-Hazardous Ingredients	None Established

Appropriate Engineering Controls: None needed under normal use conditions. Use with adequate general or local exhaust ventilation as needed to minimize exposure levels.

Personal Protective Equipment:

Respiratory Protection: If airborne mist exposures are excessive, a NIOSH approved respirator with particulate/organic vapor cartridges may be used. For higher exposures, a supplied air respirator may be required. Respirator selection and use should be based on contaminant type, form and concentration. Follow OSHA 1910.134, ANSI Z88.2 and good Industrial Hygiene practice.

Hand protection: Impervious gloves are recommended when needed to avoid prolonged skin contact.

Eye Protection: Chemical safety goggles recommended if splashing is possible.

Skin Protection: Impervious clothing as required to avoid prolonged skin contact and contamination of personal clothing.

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Hygiene measures: Suitable washing facilities should be available in the work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Odor:	Mild
Color:	Colorless	pH:	Not applicable
Melting/Freezing Point:	Not available	Boiling Point/Range:	Not available
Flash Point:	483.8°F(251°C)	Particle Characteristics:	Not applicable
Flammability:	Not classified	Flammability Limits:	UEL: Not available LEL: Not available
Vapor Pressure:	Not available	Relative Vapor Density (air = 1):	Not available
Relative Density:	0.84	Solubilities:	Insoluble in Water
Partition Coefficient: (N-Octanol/Water)	Not available	Autoignition Temperature:	Not available
Decomposition Temperature:	Not available	Kinematic Viscosity:	95-110 mm ² /sec @ 40°C (104°F)

SECTION 10: STABILITY AND REACTIVITY

Reactivity: None known.

Chemical Stability: Stable under normal conditions of storage or use.

Possibility of Hazardous Reactions: None known.

Conditions to avoid: None known.

Incompatible Materials: Avoid strong oxidizing agents, strong acids and bases.

Hazardous decomposition products: Thermal decomposition can lead to release of irritating and toxic gases and vapors.

SECTION 11: TOXICOLOGICAL INFORMATION

Potential Health Effects:

Eye: May cause mild eye irritation with redness and tearing.

Skin: May cause mild irritation. Prolonged or repeated contact may result in drying of the skin.

Inhalation: Inhalation of mists may cause mild mucous membrane and upper respiratory tract irritation.

Ingestion: Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Hazards: None known.

Acute toxicity:

Mineral Oil: Oral rat LD₅₀ >5000 mg/kg; Dermal rabbit LD₅₀ >2000 mg/kg; Inhalation rat LC₅₀ >5 mg/L/4h

Skin Corrosion/ Irritation: Not classified.

Eye Damage/Irritation: Not classified.

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Skin Sensitization: Not classified.

Respiratory Sensitization: Not classified.

Germ Cell Mutagenicity Not classified.

Carcinogenicity: Not classified. Not listed as a carcinogen by OSHA, IARC or NTP.

Reproductive Toxicity: Not classified.

Specific Target Organ Toxicity – Single Exposure: Not classified.

Specific Target Organ Toxicity – Repeated Exposure: Not classified.

Aspiration Toxicity: Not classified.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Harmful to aquatic organisms with long lasting effects.

Mineral Oil: LC50 fish >10000 mg/L/96h; LC50 daphnia >100 mg/L/48h

Persistence and Degradability: Mineral Oil is inherently degradable.

Bioaccumulative Potential: Mineral oil has a high potential for bioaccumulation.

Mobility in Soil: No data available.

Other Adverse Effects: None known.

SECTION 13: DISPOSAL INFORMATION

Disposal instructions: Dispose of product in accordance with all local, state/provincial and federal regulations.

Contaminated packaging: Offer rinsed packaging material to local recycling facilities.

SECTION 14: TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT Ground		Not Regulated			None
IMDG		Not Regulated			None
IATA		Not Regulated			None

Transport in bulk according IMO Instruments: Not applicable – product is transported only in packaged form.

Special precautions: None known.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:



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CERCLA 103 Reportable Quantity: This product is not subject to CERCLA reporting requirements. Many states have more stringent reporting requirements. Report spills and other releases as required under federal, state and local regulations.

SARA TITLE III:

Hazard Category for Section 311/312: Refer to Section 2 for the OSHA Hazard Classification

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory.

SECTION 16: OTHER INFORMATION

HMIS Ratings: Health - 1	Flammability - 1	Reactivity - 0
NFPA Ratings: Health - 1	Flammability – 1	Reactivity - 0

SDS Revision Comment: New Kano SDS.

Date of Preparation: November 3, 2024

Date of Previous Revision: April 1, 2024

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The information contained herein has been developed based upon current available scientific data. New information may be developed from time to time which may render the conclusions of this report obsolete. Therefore, no warranty is extended as to the applicability of this information to the user’s intended purpose or the consequences of its use or misuse.