

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Kroil Clear
Product Use: Penetrant for Industrial Use

Manufacturer: Kano Laboratories, LLC
1000 E. Thompson Lane
Nashville, TN 37211
Emergency Phone Number: Chemtrec 1 (800) 424-9300
Manufacturer Phone Number: (615) 833-4101
Website: www.kroil.com

SDS Date of Preparation: March 15, 2024

SECTION 2: HAZARD IDENTIFICATION

GHS / HAZCOM 2012/WHMIS 2015 Classification:

Health	Physical
Aspiration Hazard Category 1	Not classified

Label Elements:

Danger!



May be fatal if swallowed and enters airways.

IF SWALLOWED: Immediately call a POISON CENTER. Do NOT induce vomiting.
Store locked up.
Dispose of contents and container in accordance with local and national regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	%
Low Vapor Pressure (LVP) Distillates, petroleum, hydrotreated light	64742-47-8	65-85

The exact percentage has been withheld as a trade secret or is a variation in formula.

SECTION 4: FIRST AID MEASURES

Eye: Rinse thoroughly with water for several minutes, while 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 occurs. Launder clothing before re-use.

Inhalation: Remove victim to fresh air. Get medical attention if symptoms persist.

Ingestion: DO NOT induce vomiting. Keep the victim calm and warm. Never give anything by mouth to an unconscious or drowsy person. Get immediate medical attention.



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Most important symptoms and effects, acute and delayed: May cause mild eye and skin irritation. Harmful or fatal if swallowed. Aspiration into the lungs during ingestion or vomiting may cause lung damage.

Indication of immediate medical attention and special treatment, if needed: If swallowed, get immediate medical attention.

SECTION 5: ACCIDENTAL RELEASE MEASURES

Suitable (and Unsuitable) Extinguishing Media: Use carbon dioxide, dry chemical or foam. Water may be ineffective but can be used to cool containers and structures.

Specific Hazards Arising from the Chemical: Not classified as flammable or combustible. But will burn under fire conditions. Never use welding or cutting torch on or near containers (even empty) because product can ignite explosively. Combustion products may be hazardous: Oxides of carbon, organic compounds, smoke and fumes.

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.

Environmental precautions: Avoid release to the environment. 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.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid breathing vapors, aerosols and mists. Use with adequate ventilation. Avoid contact with the eyes, skin and clothing. Wash exposed skin thoroughly with soap and water after use. Keep product away from flames and other sources of ignition.

Other Precautions: Do not cut, braze, solder, grind or weld empty containers. Do not reuse containers. Follow all SDS precautions in handling empty containers.

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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	Exposure Limits
Low Vapor Pressure (LVP) Distillates, petroleum, hydrotreated light	None Established

Appropriate Engineering Controls: Use with adequate general or local exhaust ventilation to minimize exposure levels.

Personal Protective Equipment:

Respiratory Protection: Not required under normal conditions. If the exposure levels are excessive, a NIOSH approved respirator with 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 skin contact.

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

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

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, colorless liquid	Odor:	Hydrocarbon
Odor Threshold:	Not available	pH:	Not applicable
Melting/Freezing Point:	Not available	Boiling Point/Range:	222-247 °C
Flash Point:	204°F (95.6°C)	Evaporation Rate:	Not available
Flammability (Solid, Gas):	Not applicable	Flammability Limits:	UEL: 5.5% LEL: 0.6%
Vapor Pressure:	<0.1 mmHg @ 20 °C	Vapor Density:	4.5
Relative Density:	~0.8	Solubilities:	Negligible in Water
Partition Coefficient (N-Octanol/Water):	Not available	Autoignition Temperature:	>428°F (220°C)
Decomposition Temperature:	Not available	Viscosity:	<20.5 mm ² /sec@40°C

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: Avoid heat, sparks, flames and all other sources of ignition.

Incompatible Materials: Avoid strong oxidizing agents.

Hazardous decomposition products: Combustion will produce oxides of carbon, fumes and smoke.



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SECTION 11: TOXICOLOGICAL INFORMATION

Potential Health Effects:

Eye: May cause mild eye irritation.

Skin: May cause mild irritation. Prolonged or repeated contact may result in defatting and dermatitis.

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

Ingestion: Swallowing may cause gastrointestinal irritation with abdominal pain, nausea, and vomiting. Aspiration into the lungs during ingestion or vomiting may cause lung damage.

Chronic Hazards: None expected.

Carcinogen Status: None of the components of this product at greater than 0.1% are listed as carcinogens by OSHA, IARC or NTP.

Acute toxicity: Toxicological testing has not been performed on this product as a mixture.

Low Vapor Pressure (LVP) Distillates, petroleum, hydrotreated light: Oral rat LD50 >5000 mg/kg, Dermal rat LD50 > 2000 mg/kg, Inhalation rat LC50 > 6.8 mg/L/4 hr.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: No toxicity data available for the product.

Low Vapor Pressure (LVP) Distillates, petroleum, hydrotreated light: Not toxic to aquatic organisms

Persistence and Degradability: Distillates, petroleum, hydrotreated light is readily biodegradable.

Bioaccumulative Potential: No data available.

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		Not regulated			None
TDG		Not regulated			None
IMDG		Not regulated			None
IATA		Not regulated			None



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Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form.

Special precautions: None known.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

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

STATE REPORTING REGULATIONS:

California Proposition 65: This product does not require a warning for California Proposition 65.

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

International Chemical Inventories:

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

Canadian DSL: One component is on the Canadian NDSL. All of the other components of this product are listed on the Canadian DSL.

SECTION 16: OTHER INFORMATION

HMIS Ratings: Health – 1	Flammability - 1	Physical Hazard – 0
NFPA Ratings: Health - 1	Flammability - 1	Instability – 0

SDS Revision Comment: Changes to Sections 2, 5, 6, 7, 9, 14

Date of Preparation: June 16, 2024

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