

CHAIN GUARD™ PR-500

SYNTHETIC PROOFER CHAIN LUBRICANT

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Use	Formulated Synthetic Lubricant
USDA Approval	H-2
Manufacturer	Ordan Thermal Products Ltd. 21 Amber Street Unit 9, Markham, Ontario Canada L3R 4Z3
Contact Person	Kim Stark
Telephone	(905) 475-9292 x223
Shipping Information	NOT RESTRICTED CLASS 65 (NON HAZARDOUS)

IN CASE OF EMERGENCY CONTACT CHEMTREC @ 1-800-424-9300

2. INGREDIENTS / IDENTITY INFORMATION

Listed below are components required to be identified by Federal and / or New Jersey law. Other components may be present at less than 1%.

Tar acids	None listed
Cresylic	None listed
Phenyl Phosphate	68952-35-2
TSP 46728100000-0001	None listed
TSP = Trade Secret Pending	N/A

Ordan Thermal recommends a TLC of 5mg/m³ as a precautionary measure. All components of this product are listed on the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

<u>Components</u>	<u>OSHA</u> <u>PEL</u>	<u>ACGIH</u> <u>TLV</u>	<u>CAS #</u>
Ditridecyl Phthalate	None listed	None listed	68515-47-9



A division of:
ORDAN THERMAL PRODUCTS LTD.
Oven, Proofer & Cooler Chain Synthetic Lubricants
21 Amber St # 9, Markham, Ontario, L3R 4Z3 Canada
Tel: (905) 475-9292 Fax: (905) 475-3286
www.OrdanThermal.com

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3. PHYSICAL DATA CHEMICAL CHARACTERISTICS

Specific Gravity (H ₂ O = 1)	0.96 @ 68°F
Boiling Point	N/A
Vapor Pressure (mm Hg)	N/A
Vapor Density (Air=1)	NA
Solubility in Water: 25°C	<0.1%
Appearance	Light Amber Color
Odor	Low odor
Melting Point	N/A
Evaporation Rate (Butyl Acetate = 1)	N/A
Fire Point	545°F ASTM-D-92

4. FIRE AND EXPLOSION HAZARD DATA

Flash Point	505° F
Flammable Limits	LEL unknown
UEL	unknown
Extinguishing Media	Foam or carbon dioxide Use water spray to cool surface of container.
Special Fire Fighting Procedures	Use self-contained breathing apparatus. Avoid breathing fumes vapors, or mists.
Unusual Fire / Explosion Hazards	None
NFPA HAZARD RATINGS 4-extreme 3-high 2-moderate 1-slight 0-insignificant	Flammability – 1 Health:0 Specific Hazard:0 Reactivity:0

5. REACTIVITY DATA

Chemical Stability	Stable
Conditions to Avoid	High Temperatures
Incompatible materials	Strong acids and strong bases, oxidizing agents
Hazardous Decomposition Products	CO, CO ₂
Hazardous Polymerization	Will not occur
Other Information	None

6. HEALTH HAZARD DATA

Routes of Entry	Inhalation. Skin contact and/or ingestion.
Health Hazards (Acute and Chronic)	May be an eye or skin irritant. Low to medium in toxicity.
Carcinogens	None
Signs and Symptoms of Exposure	None Known
Medical Conditions Generally Aggravated by Exposure	None Known
Emergency and First Aid Procedures	
Eye Contact	<ul style="list-style-type: none"> • Flush with water for 15 minutes. • See physician.
Skin Contact	<ul style="list-style-type: none"> • Wash with soap and water thoroughly. • See physician if necessary. • Remove contaminated clothing
Ingestion	<ul style="list-style-type: none"> • Do not induce vomiting. • Drink plenty of water. • Do not give anything to an unconscious victim. • See physician immediately.
Inhalation	<ul style="list-style-type: none"> • Remove to fresh air. • See physician if necessary
Carcinogens	For hazard communication purposes under OSHA Standard 29 CFR. Part 1910.1200, this chemical is not listed as a potential carcinogen by IARC and NTP.



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7. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case of spill	<ul style="list-style-type: none"> • Use all protection equipment. • Dike to prevent spreading. • Absorb on solid absorbent. • Put in container, close container. • Prevent draining into sewer and waterways. • Notify proper authorities.
Waste Disposal Method	<ul style="list-style-type: none"> • Free liquids may not be land filled. • Recover and/or incinerate liquids where possible. • Dispose in accordance with all local, state and federal regulations.
Precautions to be taken in handling and storing	<ul style="list-style-type: none"> • Store at moderate temperatures. • Keep container closed when not in use.
Other precautions	<ul style="list-style-type: none"> • Keep out of the reach of children. • Return empty drums to a licensed reconditioning service.

8. SPECIAL PROTECTION INFORMATION

Respiratory Protection	Use NIOSH approved respirator for product mists.
Ventilation	Provide ventilation to control exposure levels.
Protective Gloves	Recommended; impervious rubber for prolonged or repeated contact.
Eye Protection	Wear safety glasses or face shield.
Other Protection Clothing or Equipment	Eye wash station and safety shower.

9. REGULATORY INFORMATION

DOT INFORMATION	NOT DOT REGULATED
CERCLA	(40 CFR 302.4 Hazardous Substances & Reportable Quantities)

This product does **NOT** contain hazardous substances listed in 40CFR 302.4.

RCRA Information: These products are NOT listed in federal hazardous waste regulation 40CFR 261.33, paragraph (e) or (f) – i.e., chemical products that are considered hazardous if they become wastes. It does not exhibit the hazardous characteristics listed in 40 CFR 261, Subpart C. State or local. Hazardous waste regulation may apply if they are different from the federal regulation.

SARA Title III: (see footnotes)

Sec 302	EHS		
Sec 304	EHS RQ (lbs.)		
Sec 313 Toxic	Chemical		
Component		TPQ (lbs.)	(Yes, No)
NONE			

FOOTNOTES

Sec 302	Threshold Planning Quantity, Extremely Hazardous Substance (EHS) (40CFR 355 Emergency Planning and Notification Regulations) N/A: Product does not contain EHS
Sec 304	Reportable Quantity for Release of an EHS (RQ) (40CFR 355, Appendix A) N/A: Product does not contain EHS
Sec 311 / 312	40CFR 370 Hazard Chemical Reporting Requirements "Hazard Categories" HC-1 Immediate (acute) health hazard HC-2 Delayed (chronic) health hazard HC-3 Fire hazard HC-4 Sudden release of pressure hazard HC-5 Reactive Hazard

FINAL MSDS PR-500



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