

## MATERIAL SAFETY DATA SHEET

Product Name: **CHAIN GUARD™ PURE LUBE**

Product Use: Formulated With 100% Synthetic Ester Lubricant  
Blended For Aerosol Spray

NSF Registered: Nonfood Compounds; Program Listed HZ

### SECTION I – PRODUCT IDENTIFICATION

Supplier: Ordan Thermal Products Ltd.  
21 Amber Street Unit 9  
Markham, Ontario Canada L3R 4Z3

Telephone: 905-475-9292

Contact Person:

**IN CASE OF EMERGENCY CONTACT CHEMTREC: 1-800424-9300**

### SECTION II – INGREDIENTS / IDENTIFICATION INFORMATION

Component	OSHA PEL	ACGIH TLV	CAS #
Dipentaerythritol ester of monocarboxylic (C5-9) fatty acids	NONE LISTED	NONE LISTED	67762-52-1
Pentaerythritol ester of monocarboxylic (5-9) fatty acids	NONE LISTED	NONE LISTED	67762-53-2
Proprietary Additive Blend	NONE LISTED	NONE LISTED	N/A
Hydrocarbon Propellant	NONE LISTED	NONE LISTED	CAS # 68476-86-8

The manufacturer recommends a TLC of 5mg/m<sup>3</sup> as a precautionary measure.

All components of this product are listed on the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory.



*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](http://www.OrdanThermal.com)

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**SECTION II – PHYSICAL DATA CHEMICAL CHARACTERISTICS**

Specific Gravity (H <sub>2</sub> O = 1)	0.99 @ 68°F
Boiling Point	N/A
Vapor Pressure (mm Hg)	N/A
Vapor Density (Air = 1):	N/A
Solubility in Water	25°C: <0.1%
Appearance	Yellow Clear Liquid
Odor	Low odor
Melting Point	N/A

**SECTION IV – FIRE AND EXPLOSION HAZARD DATA**

Flash Point:	Approximately 318° C (604°F)
ASTM-D	92
Viscosity @ 40°C	(104°F) 100
Flammable Limits: LEL UEL	UNKNOWN UNKNOWN
Viscosity @ 100°C	(212°F) 10.2-12.5
Extinguishing Media:	Foam, or carbon dioxide Use water spray to cool surface of container.
Special Fire Fighting Procedures	Use self-contained breathing apparatus and avoid breathing fumes, vapors or mists
Unusual Fire / Explosion Hazards	None

*Lubricants for Industry*  
**Chain Guard**  
  
[www.ChainGuard.ca](http://www.ChainGuard.ca)

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**SECTION V – REACTIVITY DATA**

Chemical Stability	Stable
Conditions to Avoid	High Temperatures
Incompatible Materials	Strong Acids and Strong Bases
Hazardous Decomposition Products	CO, CO <sub>2</sub> , Oxides, Sulfur, Nitrogen and Phosphorus
Other Information	None

**SECTION VI - HEALTH HAZARD DATA**Effects of Overexposure

Eyes	Contact can cause irritation, redness and severe damage
Skin	May cause irritation
Inhalation	Product mist may cause nasal and respiratory irritation
Ingestion	May cause damage to mucous membranes

First Aid Procedures

Eyes	Immediately flush from eyes with water for 16 minutes lifting eyelids occasionally. Get medical help if irritation persists.
Skin	Immediately flush with soap and water. Get medical attention if necessary. Remove and launder contaminated clothing.
Respiratory System	If affected, remove to fresh air. Administer oxygen, artificial Respiration. Consult physician if necessary.
Ingestion	Get medical assistance. Do not induce vomiting. Drink plenty of water.
Carcinogenicity	For hazard communication purposes under OSHA Standard 28 CFR Part 1910.1200, this chemical is listed as a potential carcinogen by <del>ARC</del> and NTP.



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**SECTION VI – PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to be taken in case of spill:	Use all protection equipment Dike to prevent spreading. Absorb on solid absorbent. Flush area with water; do not allow draining into sewer.
Waste Disposal Method	Dispose in accordance with all local, state and federal regulations
Precautions to be taken in handling & storing	Store at moderate temperatures. Keep container closed when not in use.
Other precautions	Keep out of reach of children. Return empty drums to a licensed reconditioning service
Product name:	HT-2000

**SECTION VIII – SPECIAL PROTECTION INFORMATION**

Respiratory Protection	Use NOSH 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.

**SECTION IX –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 40 CFR 302 4

RCRA Information: These products are NOT listed in the federal hazardous waste regulation 40 CFR 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.



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SARA Title III:(see footnotes)

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

Footnotes:

Sec 302- Threshold Planning Quantity, Extremely Hazardous Substance (EHS) (40 CFR 355 Emergency Planning and Notification Regulations)  
N/A: Product does not contain EHS

Sec 304- Reportable Quantity for Release of an EHS (RQ) (40 CFR 355, Appendix A)  
N/A: Product does not contain EHS

Sec 311 / 312 – 40 CFR 370 Hazard Chemical Reporting Requirements “Hazard Categories”  
 HC-1 Immediate (acute) health hazard  
 HC-2 Delayed (chronic) health hazard  
 HC-3 Fire hazard  
 HC4 Sudden release of pressure hazard  
 HC-5 Reactive Hazard  
 NHH Not a health hazard  
 NPH Not a physical hazard

NOTE: For Shipping, carton must be labeled with ORM-D for ground and ORM-D AIR for air.  
 PRODUCT IN BULK IS CLASS 85; NON-US  
 PRODUCT IN AEROSOL IS CLASSIFIED AS EXTREMELY FLAMMABLE  
 PRODUCT IN USS HYMIOCAR80NDISSIPATESAND PIPBWCT I& PURE

Date Revised: May 23, 2006



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