



## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** CoolTemp HydroMax - # 345044, # 345046  
**Supplier:** The Grasshopper Company  
 Old Highway 81 South  
 Moundridge, KS 67107

**Product and MSDS Information:**

Monday-Friday, 8:00 am – 5:00 pm (CST) – (620) 345-8621

**In the Event of an Emergency Spill, Fire, or Exposure – Call:**

INFOTRAC – 24 Hrs – (800) 535-5053

**Use or Description:** Gear and Bearing Lubricant

**Issue Date:** 06/01/2009

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Names and Synonyms:** Not applicable

**Chemical Family:** Hydrocarbon

	WT PCT (Approx.)	TLV	ORAL LD50	DERMAL LD50
<b>Hazardous Ingredients:</b>				
Oil Mist (mineral)	<85.0	5 mg/m <sup>3</sup> -TWA	Unknown	Unknown
Zinc Compounds	<2.0	Unknown	Unknown	Unknown

**Non Hazardous Ingredients:**

Additives and/or Other Ingredients: This product is a mixture. The specific chemical identity of hazardous ingredients and non hazardous ingredients, their C.A.S. numbers and their exact percent of composition are proprietary and are being withheld as Trade Secrets. The above listing of hazardous ingredients discloses the properties, approximate concentration and known toxicological effects of the hazardous ingredients. This material is an automotive/industrial lubricant with a low order of toxicity and irritancy. The product is formulated with ingredients that are not designated as harmful to the ozone.

### 3. HAZARDS IDENTIFICATION

**Threshold Limit Value:** (If Established)

Not established. Oil mist = 5mg/m<sup>3</sup>

**Effects of Overexposure:**

Although there are no consistent primary routes of entry, the product may cause mild dermatitis upon prolonged contact and is expected to be an eye and lung irritant. Any

existing skin, eye, or lung irritation may be aggravated by direct contact. No components are listed on OSHA, I.A.R.C., or N.T.P. lists for carcinogens.

#### **4. FIRST AID MEASURES**

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**Eye Contact:**

Flush immediately with water until irritation subsides.

**Skin Contact:**

Wash affected skin area with mild soap and water.

**Ingestion:**

Do not induce vomiting. Contact a physician.

**Inhalation:**

Remove to fresh air. If not breathing, give artificial respiration. Contact a physician.

#### **5. FIRE FIGHTING MEASURES**

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**Flash Point:** °F (Method)

450°F (C.O.C.)

**Flammable Limits:**

LEL UEL

Unknown Unknown

**Extinguishing Media:**

Foam, dry chemical, water fog, or carbon dioxide

**Special Fire Fighting Procedures:**

Do not direct a solid stream of water into fire. Treat as a petroleum oil fire. Respiratory protection required for fire fighting personnel.

**Unusual Fire and Explosion Hazards:**

None

#### **6. ACCIDENTAL RELEASE MEASURES**

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**Steps to be taken in case Material is Released or Spilled:**

Remove all sources of ignition. Treat as a petroleum oil spill.

**Waste Disposal Method:**

Incinerate where permitted under federal, state, and local laws. Used petroleum products may be recycled through re-refining processes.

#### **7. HANDLING AND STORAGE**

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**Handling:** Avoid eye contact and prolonged skin contact. Avoid breathing oil mists. Wash thoroughly after handling.

**Storage:** Close containers when not in use. Keep away from heat, sparks, open flames, and strong oxidants. Do not store in unlabelled containers.

#### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**Eye Protection:**

Sufficient to avoid direct contact.

**Skin Protection:**

Protective neoprene or plastic gloves may be desired.



**Respiratory Protection:**

Usually not needed in open, unconfined areas.

**Ventilation:**

Usually not needed in open, unconfined areas.

**Other:**

Usually not needed.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

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Typical physical properties are given below.

**Appearance:**

Orange lubricant

**Odor:**

Lube oil odor

**Relative Density:**

(Air=1) >1

**Melting Point:** °F

Not applicable

**Boiling Point:** °F

>500

**Vapor Pressure:**

(mm Hg @ 60°F) <5

**Viscosity:**

Proprietary

**PH:**

6-8

**Solubility in Water:**

Negligible

**Pour Point:** °F

Proprietary

**Flash Point:** °F (Method)

450 (C.O.C.)

**Specific Gravity:** (H<sub>2</sub>O=1)

0.89

**10. STABILITY AND REACTIVITY**

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**Stability:** (Thermal, Light, Etc.)

Stable

**Conditions to Avoid:**

Contact with nuclear radiation and strong oxidizing materials.

**Incompatibility:** (Materials to avoid)

Strong oxidizing materials.

**Hazardous Decomposition Products:**

Dense smoke; oxides of C, S, Mg, Zn & P; hydrogen sulfide.

**Hazardous Polymerization:**

Will not occur.

**11. TOXICOLOGICAL DATA**

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**Toxicological Data:**

See Section 2, **COMPOSITION/INFORMATION ON INGREDIENTS**, for any applicable toxicological data.

**12. ECOLOGICAL INFORMATION**

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**Ecological Information:**

The product is formulated with ingredients that are not designated as harmful to the ozone. See Section 2, **COMPOSITION/INFORMATION ON INGREDIENTS**, for any additional ecological information.

### **13. DISPOSAL INFORMATION**

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**Waste Disposal Method:**

Incinerate where permitted under federal, state, and local laws. Used petroleum products may be recycled through re-refining processes.

### **14. TRANSPORTATION INFORMATION**

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The description shown may not apply to all shipping situations, Consult 49 CRF, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

**DOT Shipping Name:** Not regulated as a hazardous material for transportation under 49 CFR.

**DOT Hazard Class:** Not Applicable

**DOT Identification Number:** Not Applicable

**DOT Packing group:** Not Applicable

**Additional Information:** Not Hazardous by U.S. DOT.

**IMO/MDG Shipping Name:** Not Regulated as Dangerous Goods for Transportation under the IMDG Code

**IMO/IMDG Hazard Class:** Not Applicable

**IMO/IMDG Identification Number:** Not Applicable

**IMO/IMDG Packing group:** Not Applicable

### **15. REGULATORY INFORMATION**

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**SARA Title III:**

This product does not contain any chemical substance on the SARA Extremely Hazardous Substances list. If this product contains any chemicals that are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372, they will be listed in Section 2, **COMPOSITION/INFORMATION ON INGREDIENTS**, under the subtopic labeled "Hazardous Ingredients".

**TSCA:**

This material is in compliance with the Toxic Substances Control Act (15 USC 2601 2629) and all components of this product appear on the Toxic Substance Control Act (TSCA) inventory list.

**Clean Air Act:**

No ozone depleting chemicals listed in Title VI, Stratospheric Ozone Protection, Section 602 of the Clean Air Act are present or used in the manufacturing process of this product.

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Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.