



**LPS LABORATORIES  
MSDS  
MATERIAL SAFETY DATA SHEET**

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**Section 1 - Product Identification and Use**

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**Manufacturer's Name:**

LPS Laboratories

**Trade Name:**

LPS ThermaPlex™ Hi-Temp Bearing Grease

**Street Address:**

4647 Hugh Howell Road

**Chemical Family:**

Blended Compound

**City, State, Zip:**

Tucker, GA 30085-5052

**Part Numbers:**

70214, 70206, 70235, 70255

**Telephone Number:** 770-934-7800

**Emergency Telephone Number:** 1-800-424-9300 Chemtrec

**Outside U.S.:** (703) 527-3887

**Hazardous Materials Description and proper shipping name (49 CFR 172.101):**

Compound,Boiler, Preserving Liquid

NMFC 50093 SUB 2 BRL/BXS CL55

**TSCA Inventory:**

All of the ingredients are listed on the TSCA inventory.

**HMIS Labeling:**

**Health:** 1

**Flammability:** 1

**Reactivity:** 0

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**Section 2 - Hazardous Ingredients / Identity Information**

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<b>Ingredient</b>	<b>CAS Numbers</b>	<b>%WW</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>OTHER LIMITS</b>
Severely solvent refined residuum * oil mist	64742-01-4	40-50	5 mg/m3*	5 mg/m3*	NE

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**Section 3 - Physical / Chemical Characteristics**

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<b>Boiling point (F°):</b>	N.E.	<b>Specific gravity (H2O = 1):</b>	.98
<b>Vapor pressure ( mmHg) @100°F :</b>	N.E.	<b>Percent volatile by volume (%):</b>	0
<b>Vapor density (Air = 1):</b>	>1	<b>Evaporation rate (n-Butyl Acetate = 1):</b>	<1
<b>Solubility in water:</b>	Nil		
<b>Appearance and odor:</b> Dark colored paste, mild odor.			

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**Section 4 - Fire and Explosion Hazard**

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**Flash point (method used):** > 392° F PMCC    **Flammable limits (of diluent):** LEL N.E.    UEL N.E.

**Extinguishing media:** Foam, dry chemical, or carbon dioxide.

**Special fire fighting procedures:** Do not use water. Self-contained breathing apparatus should be provided to fire fighters. Unusual fire and explosive hazards: None

N.E. = Not established  
N.A. = Not applicable

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## Section 5 - Health Hazard Data

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**Primary route(s) of entry:** Eyes, skin.

**Health hazard/effects of over exposure:**

**Inhalation:** Oil mist may cause irritation of the respiratory tract.

**Eyes:** Irritation

**Skin:** Repeated or prolonged contact may cause drying and defatting of skin.

**Ingestion:** Not a likely route of exposure. Low order of oral toxicity.

**Medical conditions aggravated by exposure:** None from normal exposure.

**Chemicals listed as potential carcinogen:** NTP: No IARC: No OSHA: No

**Emergency and first aid procedures:**

**Inhalation:** Move to fresh air and contact physician. Administer oxygen if breathing is difficult.

**Eyes:** Flush eyes with plenty of water and contact physician.

**Skin:** Wash with soap and water; apply medicated skin cream.

**Ingestion:** Do not induce vomiting. Contact physician immediately.

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## Section 6 - Reactivity Data

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**Stability:** Stable

**Conditions to avoid:** No specific measures necessary.

**Incompatibility (Materials to avoid):** Strong oxidizing agents.

**Hazardous decomposition products:** Thermal decomposition may yield, carbon monoxide, carbon dioxide, smoke, and fumes.

**Hazardous polymerization:** Will not occur.

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## Section 7 - Precautions for Safe Handling and Use

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**Steps to be taken in case material is released or spilled:** Scoop up excess, wipe up with rags. Pick-up residue with diatomaceous earth to avoid walking hazard.

**Waste disposal methods:** Dispose of in accordance with local, state and federal regulations.

**RCRA Hazardous Waste No.:** N.A.

**CERCLA Reportable Quantity:** N.A.

**SARA TITLE III Chemicals:** None

**Precautions to be taken in handling and storage:** Store below 150°F and above 32°F. Store away from ignition sources and avoid breathing vapors.

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## Section 8 - Control Measures

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**Respiratory Protection:** None required if good ventilation is maintained.

**Ventilation:** Local exhaust is usually adequate.

**Protective gloves:** Use solvent resistant gloves for prolonged or repeated contact.

**Eye protection:** Use face shield or goggles if eye contact is likely.

**Other protective equipment:** As necessary to prevent prolonged or repeated skin contact.

**Work/hygienic practices:** Wash hands with soap and water after use and/or before breaks, lunch and at the end of work periods. Remove contaminated clothing and laundry before reuse.

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## Section 9 - Preparation Date of MSDS

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LPS Laboratories

Form # 2657

MSDS LPS ThermaPlex™ Hi-Temp Bearing Grease

