

# MSDS Document

## Product Dynatex® 49594 White Lithium Grease

### 1. Chemical Product and Company Identification

**Trade Name of this Product** Dynatex® 49594 White Lithium Grease

**Synonyms:** 49594WH12

**MSDS ID** DYN49594

**Manufacturer**

Dynatex Inc.  
350 Ring Road  
Elizabethtown, KY 42701

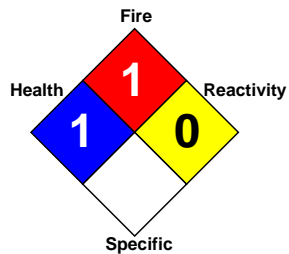
**Phone Number**

(270) 769-3385

**Emergency Phone**

CHEMTREC (800) 424-9300

**Revision Date** 8/28/2009



### 2. Composition and Information on Ingredients

| Ingredient                                 | CAS Number | Weight %   | ACGIH TLV    | PEL          | STEL     |
|--|------------|------------|--------------|--------------|----------|
| Distillates, hydrotreated heavy paraffinic | 64742-54-7 | 70% - 100% | 5 mg/m3      | 5 mg/m3      | 10 mg/m3 |
| Zinc Oxide                                 | 1314-13-2  | 1% - 5%    | 2 mg/m3 dust | 5 mg/m3 dust | 10 mg/m3 |

### 3. Hazard Identification

**Chronic Effects of Overexposure**

Exposure to vapors generated at high temperatures may cause respiratory irritation. Not regarded as health hazard under current legislation.

**Existing Conditions Aggravated by Exposure**

No known applicable information.

### 4. First Aid Information

**Eye Contact**

Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation

develops.

#### **Skin Contact**

In case of contact with skin immediately remove contaminated clothing. Wash thoroughly with soap and water. Wash contaminated clothing before reuse.

#### **Inhalation**

Vapor inhalation under ambient conditions is normally not a problem. If overcome by vapor from hot product, immediately remove from exposure and seek medical attention. If breathing has stopped, start resuscitation; administer oxygen if breathing is irregular. If overexposed to oil, remove from further exposure until excessive mist conditions subside.

#### **Ingestion**

DO NOT INDUCE VOMITING. Seek immediate medical attention.

### **5. Fire Fighting Measures**

|                    |      |
|--------------------|------|
| <b>Flash Point</b> | 435F |
| <b>FP Method</b>   | COC  |
| <b>LEL</b>         | 7    |
| <b>UEL</b>         | 9    |

#### **Extinguishing Media**

Use carbon dioxide (CO<sub>2</sub>). Dry chemicals, sand dolomite, etc. Alcohol resistant foam, water spray, fog or mist.

#### **Special Fire Fighting Procedures**

Use water to keep fire-exposed containers cool and disperse vapors. Water spray may be used to flush spills away from exposure and to dilute spills to non-flammable mixtures. Avoid water if straight hose stream: will scatter and spread fire. Keep run-off out of sewers and water sources. Dike for water control.

#### **Unusual Fire and Explosion Hazards**

Pressure will increase in over-heated, closed containers.

#### **Hazardous Combustion Products**

Oxides of carbon

#### **Protective Measures in Case of Fire**

Self-contained breathing equipment and chemical resistant clothing.

### **6. Accidental Release Measures**

#### **Steps to be taken in case of spill or release**

Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with applicable government regulations. Minimize skin contact with spilled product. Spilled material, unused contents and empty containers must be disposed of in accordance with local, state and federal regulations.

## 7. Handling and Storage

### Handling

Ventilate well, avoid breathing vapors. Use approved respirator if air contamination is above accepted level. Avoid spilling, skin and eye contact. Eye wash and emergency shower must be available at the work place.

### Storage

Keep away heat, sparks, and open flame. Do not reuse container. Keep lid closed when not in use. Do not store or mix with strong oxidizers.

## 8. Exposure Controls and Personal Protection

### Exposure Limit For Product

5 mg/m<sup>3</sup> for oil mist (aerosol) for an 8-hour workday.

Basis: Regulation 29 CFR 1910.1000 and recommended by the American Conference of Governmental Industrial Hygienists (ACGIH). ACGIH states that air is to be sampled by a method that does not collect vapor; in addition, it lists a 10 mg/m<sup>3</sup> STEL.

### Ventilation

Normally not needed under ordinary conditions. No smoking or use of flame or other ignition sources.

### Respiratory Protection

Normally not needed. Use supplied air respiratory protection in confined or enclosed spaces if needed.

### Eye Protection

Use splash goggles or face shield when eye contact may occur.

### Skin Protection

Use chemical resistant gloves, if needed, to avoid prolonged or repeated skin contact.

### Other Protective Equipment

Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing, which could result in prolonged or repeated skin exposure.

## 9. Physical and Chemical Properties

|                        |                 |
|------------------------|-----------------|
| Specific Gravity       | 0.9             |
| Color/Appearance       | White           |
| Odor                   | Mild, petroleum |
| Melting/Freezing Point | 345F            |
| Solubility             | Not applicable  |
| Evaporation Rate       | < 0.01          |
| Vapor Density          | < 0.01 mm Hg    |

### Note

The above information is not intended for use in preparing product specifications. Contact

Accumetric LLC before writing specifications.

## 10. Stability and Reactivity

### Stability

Normally stable

### Hazardous Polymerization

Will not occur

### Conditions to Avoid

Avoid contact with acids and oxidizing substances.

### Hazardous Decomposition Products

Carbon oxides

## 11. Toxicological Information

### Special Hazard Information on Components

No known applicable information.

### Component Toxicology Information

No known applicable information.

## 12. Ecological Information

### Environmental Fate and Distribution

Complete information is not yet available.

### Environmental Effects

Complete information is not yet available.

### Fate and Effects in Waste Water Treatment Plants

Complete information is not yet available.

## 13. Disposal Considerations

### Waste Disposal Method

We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

This product is not known to be regulated under RCRA regulations. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local and state laws.

## 14. Transportation Information

### DOT Road Shipment Information

Not subject to DOT.

## 15. Regulatory Information

The contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### TSCA Status

All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

### SARA Title III Section 302 Extremely Hazardous Substances

None

### SARA Title III Section 304 CERCLA Hazardous Substances

None

### SARA Title III Section 313 Toxic Chemicals

None present or none present in regulated quantities.

### California Proposition 65

This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm:

None known

## 16. Other Information

### Disclaimer

The data contained herein is based upon information that Accumetric LLC believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements to suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.