

# MSDS Document

## Product Dynatex® 49596 White Lithium Grease

### 1. Chemical Product and Company Identification

**Trade Name of this Product** Dynatex® 49596 White Lithium Grease

**MSDS ID** DYN49596

**Manufacturer**

Accumetric, LLC

350 Ring Road

Elizabethtown, KY 42701

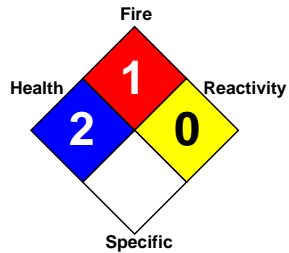
**Phone Number**

(270) 769-3385

**Emergency Phone**

CHEMTREC (800) 424-9300

**Revision Date** 11/9/2005



Health:	2
Fire:	1
Reactivity:	0
Specific	

### 2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Propane	74-98-6		1000 ppm	Unknown	
n-Hexane	110-54-3		50 ppm	50 ppm	

### 3. Hazard Identification

**Eye Contact**

May cause mild eye irritation

**Skin Contact**

May cause burning and itching, especially after prolonged and direct contact with the liquid.

**Inhalation**

May cause irritation to the mucous membranes of the respiratory tract, loss of appetite, lassitude, light-headedness, giddiness, dizziness and discoordination.

**Ingestion**

May cause weakness in inflammation and possible fluid accumulation in the lungs.

**Existing Conditions Aggravated by Exposure**

Migraines, high blood pressure

### **Chronic Hazards**

Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

### **Important**

Extremely flammable. Contents under pressure. Do not smoke while using or use near open flame. Container may explode if heated in any manner. Protect from sunlight and do not expose to temperatures exceeding 122F/50C (ex: electric lights). Do not pierce or burn container, even after use. Do not spray on a naked flame and any incandescent material. DO NOT SMOKE WHILE USING THIS PRODUCT.

## **4. First Aid Information**

### **Eye Contact**

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

### **Skin Contact**

Remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation persists.

### **Inhalation**

Remove individual to fresh air. Give oxygen if breathing is labored. If breathing has stopped give artificial respiration. Keep person warm, quiet and seek medical attention.

### **Ingestion**

Do not induce vomiting unless directed to do so by a physician or poison control center. Get medical attention immediately.

## **5. Fire Fighting Measures**

### **Extinguishing Media**

Carbon Dioxide, Dry Chemical, Foam

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

Contents under pressure. Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. Do not use near fire, sparks or flame. Do not puncture or incinerate container. Do not expose to temperatures exceeding 120F as containers may vent, rupture or burst.

### **Special Fire Fighting Procedures**

Full protective equipment including self-contained breathing apparatus should be use. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to keep cool closed containers to prevent build-up and possible auto-ignition or explosion when exposed to extreme heat.. Use proper equipment to protect personnel form bursting containers.

## 6. Accidental Release Measures

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

Absorb spill with inert material then place in a chemical waste container. Dispose of spill material in accordance with regulations.

## 7. Handling and Storage

### Handling

Do not puncture or incinerate containers. Keep out of reach of children. Read label precautions carefully. Follow label directions to avoid injury. Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.

### Storage

Do not store at temperatures above 120F. Do not puncture or incinerate containers. Keep out of reach of children. Store in accordance with NFPA 30B for Level 2 Aerosols.

### Important

Extremely flammable. Contents under pressure. Do not smoke while using or use near open flame. Container may explode if heated in any manner. Protect from sunlight and do not expose to temperatures exceeding 122F/50C (ex: electric lights). Do not pierce or burn container, even after use. Do not spray on a naked flame and any incandescent material. DO NOT SMOKE WHILE USING THIS PRODUCT.

## 8. Exposure Controls and Personal Protection

### Precautionary Measures

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

### Eye Protection

Safety goggles or glasses with side shields are recommended.

### Skin Protection

None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.

### Respiratory Protection

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

### Ventilation

Local exhaust preferable. General exhaust acceptable if exposure is below applicable exposure limits.

### Other Precautions

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

**Note**

These precautions are for room temperature handling. Use at elevated temperatures or aerosol/spray applications may require added precautions.

## 9. Physical and Chemical Properties

<b>Physical State</b>	Aerosol
<b>Specific Gravity</b>	0.95
<b>Color/Appearance</b>	Off-white opaque
<b>Odor</b>	Slight solvent odor
<b>pH</b>	Not applicable
<b>Boiling/Cond. Point</b>	>100F
<b>Solubility</b>	Insoluble in water
<b>Evaporation Rate</b>	< 1.00 (BuAc=1)
<b>VOC %</b>	35.0%
<b>Viscosity</b>	Viscous emulsion
<b>Vapor Pressure</b>	(Propellant) Not established

**Note**

The above information is not intended for use in preparing product specifications. Contact Accumetric LLC before writing specifications.

## 10. Stability and Reactivity

**Chemical Stability**

Stable

**Hazardous Polymerization**

Will not occur

**Materials to Avoid**

Avoid contact with strong oxidizers.

**Conditions to Avoid**

Open flames; Temperatures above 120F

**Hazardous Decomposition Products**

Carbon monoxide, carbon dioxide, hydrocarbons

## 11. Toxicological Information

**Carcinogenicity**

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

**Component Toxicology Information**

Prolonged or repeated exposure to Hexane may cause damage to nerve tissue of the arms and legs (peripheral neuropathy), resulting in muscular weakness and loss of sensation. This effect may be increased by the presence of Methyl Ethyl Ketone.

Prolonged overexposure to solvent ingredients may cause adverse effects to the liver

systems.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

#### **Chronic Hazards**

Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

## **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, but contains SARA regulated substances. 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**

DOT Classification: HAZARDOUS

DOT Description: Consumer Commodity ORM-D

UN Number: UN1950

Hazard Class: 2.1

Packing Group: N/A

## **15. Regulatory Information**

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

**TSCA Status**

All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

**SARA Title III Section 302 Extremely Hazardous Substances**

None

**SARA Title III Section 304 CERCLA Hazardous Substances**

n-Hexane (110-54-3)

**SARA Title III Section 313 Toxic Chemicals**

n-Hexane (110-54-3)

**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

**New Jersey**

Hexane (110-54-3)

Propane (74-98-6)

**Pennsylvania**

Hexane (110-54-3)

Propane (74-98-6)

**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.