

MSDS Document

Product Dynatex® 49597 White Lithium Grease

1. Chemical Product and Company Identification

Trade Name of this Product Dynatex® 49597 White Lithium Grease

MSDS ID DYN49597

Manufacturer

Dynatex Inc.
350 Ring Road
Elizabethtown, KY 42701

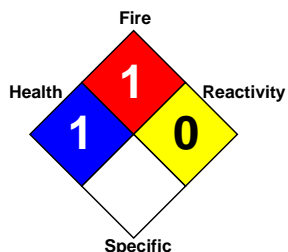
Phone Number

(270) 769-3385

Emergency Phone

CHEMTREC (800) 424-9300

Revision Date 6/24/2005



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/m ³	5 mg/m ³	10 mg/m ³
Zinc Oxide	1314-13-2	1% - 5%	2 mg/m dust	5 mg/m dust	10 mg/m

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

Flash Point	435F
FP Method	COC
LEL	7
UEL	9

Extinguishing Media

Use carbon dioxide (CO₂). 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 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/m³ 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/m³ 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 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

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.