

# Safety Data Sheet

## Dynatex® 49595 White Lithium Grease

### Section 1. Identification

Product Identifier	Dynatex® 49595 White Lithium Grease		
Synonyms	49595WH10		
Manufacturer Stock Numbers	49595WH10		
Recommended use	Refer to Technical Data		
Uses advised against	Refer to Technical Data		
Manufacturer Contact Address	Dynatex a division of Soudal Accumetric 350 Ring Road Elizabethtown, KY, 42701 USA		
	Phone	Emergency Phone	Fax
	(270) 769-3385	(800) 424-9300 CHEMTREC	N/A

### Section 2. Hazards Identification

Classification	SENSITIZATION - SKIN - Category 1
Signal Word	Warning
Pictogram	
Hazard Statements	May cause an allergic skin reaction
Precautionary Statements Response	If on skin: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Read label before use. Wash contaminated clothing before reuse.

Prevention Avoid breathing dust/fume/gas/mist/ vapors/spray.  
Contaminated work clothing must not be allowed out of the workplace.  
Wear protective gloves.

Storage N/A

Disposal Dispose of contents/container in accordance with local, state and federal regulations.

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

Additional Information None known

### Section 3. Ingredients

CAS	Ingredient Name	Weight %
57855-77-3	calcium bis(dinonylnaphthalenesulphonate)	0.1% - 1%
1314-13-2	Zinc Oxide	1% - 5%

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First-Aid Measures

Inhalation Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary. Get medical attention if any discomfort continues.

Eye Contact Rinse with water. Contact physician if discomfort continues.

Skin Contact Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Ingestion DO NOT INDUCE VOMITING! Get medical attention immediately!

### Section 5. Fire Fighting Measures

Suitable Extinguishing Media N/A

Unsuitable Extinguishing Media N/A

Flammability Class No Uniform Fire Code noted

Extinguishing Media Foam, carbon dioxide, dry chemicals, sand, dolomite, etc.

Flammability Limits LFL: Not determined  
UFL: Not determined

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. Keep run-off out of sewers and water sources. Dike for water control.

Unusual Fire & Explosion Hazards	Volume and pressure increases strongly when heated. Risk of container explosion in fire. Explosion risk when heated. Aerosol cans may explode in case of fire.
Hazardous Combustion Products	Acrid smoke/fumes. Oxides of carbon, phosphorus, sulfur.

## Section 6. Accidental Release Measures

Precautions to Protect the Environment	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.
Spill Clean-up Procedures	Carefully collect spilled material in closed containers and leave for disposal according to local regulations. Provide good ventilation. Use appropriate protective clothing. Rinse area with water. Do not let washing down water. Do not let washing down water contaminate ponds or waterways.
Personal Precautions	Minimize skin contact. Avoid breathing vapors. Wear an appropriate respirator if exposure exceeds recommended guidelines. Remove sources of ignition.

## Section 7. Handling and Storage

Handling Precautions	Keep away from heat, sparks, and open flames. 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. Containers to be kept tightly.
Storage Precautions	Keep away from heat, sparks and open flame. Store separated from oxidizing materials, acids.
Storage Criteria	Chemical storage

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	calcium bis(dinonylnaphthalenesulphonate)	N/A	N/A	N/A
	Zinc Oxide	2 mg/m <sup>3</sup> dust	5 mg/m <sup>3</sup> dust	10 mg/m <sup>3</sup>
Personal Protective Equipment	N/A			
Respirators	No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.			
Ventilation	No specific ventilation requirements noted, but forced ventilation may still be required.			
Protective Gloves	Chemical resistant gloves required for prolonged or repeated contact.			
Engineering Controls	Use engineering controls to reduce air contamination to permissible exposure level.			

Eye Protection	Wear splash-proof eye goggles to prevent any possibility of eye contact.
Exposure Limits	Lubricating oils, petroleum, base oils, highly refined OSHA TWA 5 mg/m <sup>3</sup> (oil mist) ACGIH TWA 5 mg/m <sup>3</sup> (oil mist) STEL 10 mg/m <sup>3</sup> (oil mist)
	Antimony dialkyldithiocarbamate OSHA TWA 5 mg/m <sup>3</sup> as Sb ACGIH TWA 5 mg/m <sup>3</sup> as Sb
Protective Clothing	Wear appropriate clothing to prevent repeated or prolonged skin contact.
Hygienic Work Practices	Wash at the end of each work shift and before eating, smoking and using the toilet.

## Section 9. Physical and Chemical Properties

Physical State	Grease
Color	White
Odor	Mild petroleum oil
Odor Threshold	N/A
Solubility	Insoluble in water
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	Not available
Specific Gravity	0.9
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	Not available
FP Method	N/A
Ph	Not available
Melting Point	Not available
Boiling Point	Not available
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	Not available
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	Not available
Vapor Density	Not available

## Section 10. Stability and Reactivity

Chemical Stability	Stable
Conditions to Avoid	Avoid contact with acids and oxidizing substances.

Hazardous polymerization Will not occur  
Hazardous Decomposition Products Oxides of carbon, phosphorus, sulfur

## Section 11. Toxicological Information

Toxicological Information No experimental toxicological data on the preparation as such is available.  
Component Toxicological Information Lubricating oils, petroleum, base oils, highly refined  
Carcinogenicity. IP 346 <3%  
LD50 >5,000 mg/kg (oral rat)  
LD50 skin >2,000 mg/kg (skin rbt)  
LC50 N/A

## Section 12. Ecological Information

Fate and Effects in Waste Water Treatment Plants Complete information is not yet available.  
Environmental Effects Complete information is not yet available.  
Environmental Fate and Distribution Complete information is not yet available.

## Section 13. Disposal

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.

## Section 14. Transport Information

UN Number N/A  
UN Proper Shipping Name N/A  
DOT Classification N/A  
Packing Group N/A  
Road Shipment Information (DOT) Not subject to DOT regulations.  
Air Shipment (IATA) Not subject to IATA regulations.  
Ocean Shipment (IMDG) Not subject to IMDG code.

## Section 15. Regulatory Information

The contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.  
US Federal Regulations Lubricating oils, petroleum, base oils, highly refined  
SARA 302 No  
CERCLA No

SARA 313 No

Lithium complex thickener

SARA 302 No

CERCLA No

SARA 313 No

Phosphorodithioic acid, O,O-DI-C1-14-alkyl esters, zinc salts

SARA 302 No

CERCLA \*\*\*

SARA 313 N982 - Zn

Antimony dialkydithiocarbamate

SARA 302 No

CERCLA \*\*\*

SARA 313 N010 - Ab

\*\*\* Indicates that no RQ is assigned to this generic or broad class, although the class is a CERCLA hazardous substance. See Federal Register 13456 (April 4, 1985).

Values in Section 313 column represent Category Codes for reporting under Section 313.

US TSCA

All of the components of the product are listed on the TSCA inventory or exempt.

California Proposition 65

This product DOES NOT contain chemicals considered by the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 as causing cancer or reproductive toxicity, and for which warnings are now required.

Minnesota

Phosphorodithioic acid, O,O-DI-C1-14-alkyl esters, zinc salts  
Antimony dialkydithiocarbamate

New Jersey

Lubricating oils, petroleum, base oils, highly refined  
Phosphorodithioic acid, O,O-DI-C1-14-alkyl esters, zinc salts

Pennsylvania

Lubricating oils, petroleum, base oils, highly refined  
Phosphorodithioic acid, O,O-DI-C1-14-alkyl esters, zinc salts  
Antimony dialkydithiocarbamate

Pennsylvania Right-to-Know

This product contains the following chemicals that the state of Pennsylvania has identified as Special Hazardous Substances (SHS), Environmental Hazards (EH), or both (ESHS). The PA regulations require that the MSDS identify all SHS or EH chemicals by chemical name, common name, and CAS Number if they comprise 0.01% or more.

Zinc compounds regulated under CERCLA and SARA 313, Environmental Hazard

Antimony compounds regulated under CERCLA and SARA 313, Environmental Hazard

Composition Comments

The base oil for this product can be a mixture of any of the following highly refined petroleum streams:  
64741-88-4; 64741-89-5; 64741-96-4; 64741-97-5; 64742-01-4; 64742-52-5;  
64742-53-6; 64742-54-7; 64742-55-8; 64742-56-9; 64742-57-0; 64742-62-7;  
64742-63-8; 64742-65-0; 72623-83-7; 72623-85-9; 72623-86-0; 72623-87-1

Carcinogenicity: The petroleum base oils contained in this product have been highly refined by a variety of processes including solvent extraction, solvent

dewaxing and hydrotreating to remove aromatics and improve performance characteristics. None of the oils used are listed as a carcinogen by NTP, IARC, or OSHA.

## **Section 16. Other Information**

Revision Date

8/12/2015

Disclaimer

The data contained herein is based upon information that Soudal Accumetric 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 or 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.