# Safety Data Sheet

## Dynatex® 49595 White Lithium Grease

## Section 1. Identification

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| Product Identifier | Dynatex® 49595 White Lithium Grease |
| Synonyms | 49595WH10 |
| Manufacturer Stock Numbers | 49595WH10 |
| Recommended use | Refer to Technical Information |
| Uses advised against | Refer to Technical Information |

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<br>CHEMTREC | (270) 769-6418 |

## Section 2. Hazards Identification

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| Classification | SENSITIZATION - SKIN - Category 1 |
| Signal Word | Warning |
| Pictogram |  |
| Hazard Statements | May cause an allergic skin reaction |
| Precautionary Statements | |

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| Response | If on skin: Wash with plenty of soap and water.<br>If skin irritation or rash occurs: Get medical advice/attention.<br>Read label before use.<br>Wash contaminated clothing before reuse. |
| Prevention | Avoid breathing dust/fume/gas/mist/ vapors/spray.<br>Contaminated work clothing must not be allowed out of the workplace.<br>Wear protective gloves. |
| Storage | N/A |
| Disposal | Dispose of contents/container in accordance with local, state and federal regulations. |
| Ingredients of unknown toxicity | 2.7% |
| Hazards not Otherwise Classified | |
| Additional Information | None known |

## Section 3. Ingredients

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

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

## Section 4. First-Aid Measures

Description of necessary first aid measures

Eye contact
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Inhalation
Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin contact
Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing

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| | before reuse. Clean shoes thoroughly before reuse.<br><br>Ingestion<br>Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. |
| Most important symptoms/effects, acute and delayed | Potential acute health effects<br>Eye contact:<br>No known significant effects or critical hazards.<br><br>Inhalation:<br>No known significant effects or critical hazards.<br><br>Ingestion:<br>No known significant effects or critical hazards.<br><br>Skin contact:<br>May cause an allergic skin reaction.<br><br>Over-exposure signs/symptoms<br>Eye contact:<br>No specific data.<br><br>Inhalation:<br>No specific data.<br><br>Skin contact:<br>Adverse symptoms may include the following: irritation, redness<br><br>Ingestion:<br>No specific data. |
| Indication of immediate medical attention and special treatment needed, if neces | Notes to physician<br>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.<br><br>Specific treatments<br>No specific treatment.<br><br>Protection of first-aiders<br>No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. |
| Note | See toxicological information (Section 11). |

## Section 5. Fire Fighting Measures

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| Suitable Extinguishing Media | Use an extinguishing agent suitable for the surrounding fire. |
| Unsuitable Extinguishing Media | None known |
| Specific hazards arising from the chemical | No specific fire or explosion hazard. |
| Hazardous thermal decomposition products | Decomposition products may include the following materials:<br>Carbon dioxide<br>Carbon monoxide<br>Metal oxide/oxides |
| Special protective actions for fire-fighters | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| Special protective equipment for fire-fighters | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |

## Section 6. Accidental Release Measures

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| Personal precautions, protective equipment and emergency procedures | For non-emergency personnel:<br>No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear<br>appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.<br><br>For emergency responders:<br>If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".<br><br>Environmental precautions:<br>Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| Methods and materials for containment and cleaning up | Small spill:<br>Move containers from spill area. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.<br><br>Large spill:<br>Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA |

filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor.

Note:
See Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and Storage

**Protective measures**

Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Advice on general occupational hygiene**

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

**Conditions for safe storage, including any incompatibilities**

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure Controls/Personal Protection

**Occupational Exposure Limits**

| Ingredient Name | ACGIH TLV | OSHA PEL | STEL |
|---|---|---|---|
| Zinc Oxide | 2 mg/m3 dust | 5 mg/m3 dust | 10 mg/m3 |
| calcium bis(dinonylnaphthalenesulphonate) | N/A | N/A | N/A |

**Personal Protective Equipment**

Goggles, Gloves

**Appropriate engineering controls**

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Environmental exposure controls**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

**Individual protection measures**

Hygiene measures:
Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that

eyewash stations and safety showers are close to the workstation location.

Eye/face protection:
Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Hand protection:
Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection:
Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection:
Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection:
Use a properly fitted, air-purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## Section 9. Physical and Chemical Properties

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| 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 |

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| 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 |

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

## Section 10. Stability and Reactivity

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| Reactivity | No specific test data related to reactivity available for this product or its ingredients. |
| Chemical stability | The product is stable. |
| Possibility of hazardous reactions | Under normal conditions of storage and use, hazardous reactions will not occur. |
| Conditions to avoid | No specific data. |
| Materials to avoid | No specific data. |
| Hazardous decomposition products | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

## Section 11. Toxicological Information

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| Chronic Toxicity | No known significant effects or critical hazards. |
| Irritation/Corrosion | Skin:<br>No known significant effects or critical hazards.<br><br>Eyes:<br>No known significant effects or critical hazards.<br><br>Respiratory:<br>No known significant effects or critical hazards. |
| Sensitization | Skin:<br>May cause an allergic skin reaction. |

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| | Respiratory:<br>Sensitization not suspected for humans. |
| Mutagenicity | There is no data available on the mixture itself.<br>Mutagenicity not suspected for humans. |
| Carcinogenicity | There is no data available on the mixture itself.<br>Carcinogenicity not suspected for humans. |
| Reproductive toxicity | There is no data available on the mixture itself.<br>Not considered to be dangerous to humans, according to our database. |
| Terotogenicity | There is no data available on the mixture itself.<br>Teratogenicity not suspected for humans. |
| Specific target organ toxicity | Not available |
| Aspiration hazard | Not available |
| Information on the likely routes of exposure | Routes of entry anticipated: Oral, Dermal. |
| Potential acute health effects | Eye contact:<br>No known significant effects or critical hazards.<br><br>Inhalation:<br>No known significant effects or critical hazards.<br><br>Skin contact:<br>May cause an allergic skin reaction.<br><br>Ingestion:<br>No known significant effects or critical hazards. |
| Symptoms related to the physical, chemical and toxicological characteristics | Eye contact:<br>No specific data.<br><br>Inhalation:<br>No specific data.<br><br>Skin:<br>Adverse symptoms may include the following: irritation, redness<br><br>Ingestion:<br>No specific data. |
| Delayed and immediate effects and also chronic effects from short and long term | Short term exposure:<br>Not available<br><br>Long term exposure:<br>Not available<br><br>Potential chronic health effects:<br>Conclusion/Summary:<br>No known significant effects or critical hazards.<br><br>General:<br>Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. |

Carcinogenicity:
No known significant effects or critical hazards.

Mutagenicity:
No known significant effects or critical hazards.

Teratogenicity:
No known significant effects or critical hazards.

Developmental effects:
No known significant effects or critical hazards.

Fertility effects:
No known significant effects or critical hazards.

## Section 12. Ecological Information

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| Toxicity | There are no data available on the mixture itself. |
| Persistence and degradability | This product has not been tested for biodegradation. Not readily biodegradable. This product is not expected to bioaccumulate through food chains in the environment. |
| Bioaccumulative potential | Ingredient: Zinc Oxide<br>BCF: 60960<br>Potential: High |
| Mobility in soil | Soil/water partition coefficient (KOC):<br>Not available |
| Other adverse effects | No known significant effects or critical hazards. |

## Section 13. Disposal

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| Disposal methods | The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. |

## Section 14. Transport Information

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| UN Number | N/A |
| UN Proper Shipping Name | Not subject to DOT regulations |

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| DOT Classification | Not subject to DOT regulations |
| Packing Group | 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

**U.S. Federal regulations**

TSCA 8(a) CDR Exempt/Partial exemption:
Not determined

United States inventory (TSCA 8b):
All components are listed or exempted.

Clean Water Act (CWA) 307:
zinc oxide; zinc bis(dipentyldithiocarbamate)

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs):
Listed

Clean Air Act Section 602 Class I Substances:
Not listed

Clean Air Act Section 602 Class II Substances:
Not listed

DEA List I Chemicals (Precursor Chemicals):
Not listed

DEA List II Chemicals (Essential Chemicals):
Not listed

**SARA**

SARA 302/304
Composition/information on ingredients
No products were found.

SARA 304 RQ
Not applicable

SARA 311/312 Classification
Immediate (acute) health hazard

SARA 313
Form R - Reporting requirements:
zinc oxide (1314-13-2) 1-5%
Supplier notification:
zinc oxide (1314-13-2) 1-5%

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations

Connecticut Carcinogen Reporting:
None of the components are listed.

Connecticut Hazardous Material Survey:
None of the components are listed.

Florida substances:
None of the components are listed.

Illinois Chemical Safety Act:
None of the components are listed.

Illinois Toxic Substances Disclosure to Employee Act:
None of the components are listed.

Louisiana Reporting:
None of the components are listed.

Louisiana Spill:
None of the components are listed.

Massachusetts Spill:
None of the components are listed.

Massachusetts Substances:
The following components are listed: TITANIUM DIOXIDE; ZINC OXIDE FUME

Michigan Critical Material:
None of the components are listed.

Minnesota Hazardous Substances:
None of the components are listed.

New Jersey Spill:
None of the components are listed.

New Jersey Toxic Catastrophe Prevention Act:
None of the components are listed.

New Jersey Hazardous Substances:
The following components are listed: TITANIUM DIOXIDE; TITANIUM OXIDE (TiO2); ZINC OXIDE

New York Acutely Hazardous Substances:
None of the components are listed.

New York Toxic Chemical Release Reporting:
None of the components are listed.

Pennsylvania RTK Hazardous Substances:
The following components are listed: TITANIUM OXIDE (TIO2); ZINC OXIDE (ZNO)

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| | Rhode Island Hazardous Substances:<br>None of the components are listed. |
| California Prop 65 | WARNING: This product can expose you to Titanium Dioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov. |
| International regulations | Chemical Weapon Convention List Schedules I, II & III Chemicals:<br>Not listed.<br><br>Montreal Protocol (Annexes A, B, C, E):<br>Not listed. |
| International lists | National inventory<br>Australia:<br>All components are listed or exempted.<br><br>China:<br>All components are listed or exempted.<br><br>Europe:<br>All components are listed or exempted.<br><br>Japan:<br>All components are listed or exempted.<br><br>Republic of Korea:<br>All components are listed or exempted.<br><br>Malaysia:<br>Not determined.<br><br>New Zealand:<br>All components are listed or exempted.<br><br>Philippines:<br>All components are listed or exempted.<br><br>Taiwan:<br>All components are listed or exempted. |
| Canada | WHMIS (Canada):<br>Class D-2A: Material causing other toxic effects (Very toxic)<br><br>Canadian NPRI:<br>The following components are listed: Zinc (and its compounds)<br><br>Canada inventory; DSL/NDSL:<br>All components are listed or exempted.<br><br>CEPA Toxic substances:<br>None of the components are listed. |

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| Note | This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. |

## Section 16. Other Information

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| Revision Date | 6/6/2018 |
| Hazardous Material Information System (U.S.A.) | Health: 1*<br>Flammability: 1<br>Physical Hazards: 0<br><br>Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks Although HMIS® ratings are not required on SDSs under 29 CFR 1910. 1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.<br>The customer is responsible for determining the PPE code for this material. |
| National Fire Protection Association (U.S.A.) | Health: 1<br>Flammability: 1<br>Instability/Reactivity: 0<br><br>Reprinted with permission from NFPA 704-2001, Identification of the Hazards of Materials for Emergency Response Copyright ©1997, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety. |
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