



Safety Data Sheet

White Lithium Grease Spray

Section 1. Identification

Product Identifier White Lithium Grease Spray

Synonyms 49596

Manufacturer Stock Numbers 143503

Recommended use Refer to Technical Information

Uses advised against Refer to Technical Information

Manufacturer Contact

Address Dynatex *a division of* Soudal
350 Ring Road
Elizabethtown, KY, 42701
USA

Phone
(270) 769-3385

Emergency Phone
(800) 424-9300
CHEMTREC

Fax
(270) 769-6418

Section 2. Hazards Identification

Classification ACUTE TOXICITY - INHALATION - Category 5
ACUTE TOXICITY - ORAL - Category 5
EYE DAMAGE/IRRITATION - Category 2B
FLAMMABLE AEROSOLS - Category 2
SKIN CORROSION/IRRITATION - Category 2
SPECIFIC TARGET ORGAN TOXICITY (Repeated Exposure) - Category 2
SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3

Signal Word Warning

Pictogram



Hazard Statements

Causes eye irritation
 Causes skin irritation
 Flammable aerosol
 May be harmful if inhaled
 May be harmful if swallowed
 May cause damage to organs through prolonged or repeated exposure
 May cause drowsiness or dizziness

Precautionary Statements

Response

Get medical advice/attention if you feel unwell.
 If eye irritation persists: Get medical advice/attention.
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell
 If inhaled: Remove person to fresh air and keep comfortable for breathing.
 If on skin: Wash with plenty of soap and water.
 If skin irritation occurs: Get medical advice/attention.
 Read label before use.
 Take off contaminated clothing and wash it before reuse.

Prevention

Avoid breathing dust/fume/gas/mist/ vapors/spray.
 Do not spray on an open flame or other ignition source.
 Keep away from heat.
 Pressurized container: Do not pierce or burn, even after use.
 Use only outdoors or in a well-ventilated area.
 Wash thoroughly after handling.
 Wear protective gloves.

Storage

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
 Store in a well-ventilated place. Keep container tightly closed.
 Store locked up.

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 %
110-54-3	Hexane	20% - 40%
64741-96-4	Petroleum oil	20% - 40%
74-98-6	Propane	10% - 20%

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

Section 4. First-Aid Measures

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. Launder clothing before reuse.
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.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Powder, foam, carbon dioxide
Unsuitable Extinguishing Media	Water
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.

Section 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.
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Section 7. Handling and Storage

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:
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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.

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.
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.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Ingredient Name</th> <th style="text-align: left;">ACGIH TLV</th> <th style="text-align: left;">OSHA PEL</th> <th style="text-align: left;">STEL</th> </tr> </thead> <tbody> <tr> <td>Hexane</td> <td>50 ppm</td> <td>500 ppm</td> <td>1000 ppm</td> </tr> <tr> <td>Petroleum oil</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Propane</td> <td>1000 ppm TWA</td> <td>1000 ppm PEL</td> <td>N/A</td> </tr> </tbody> </table>	Ingredient Name	ACGIH TLV	OSHA PEL	STEL	Hexane	50 ppm	500 ppm	1000 ppm	Petroleum oil	N/A	N/A	N/A	Propane	1000 ppm TWA	1000 ppm PEL	N/A
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Hexane	50 ppm	500 ppm	1000 ppm														
Petroleum oil	N/A	N/A	N/A														
Propane	1000 ppm TWA	1000 ppm PEL	N/A														
Personal Protective Equipment	Goggles																
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.																
Eye Protection	Safety goggles or glasses with side shields are recommended.																
Precautionary Measures	Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.																
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.																

Section 9. Physical and Chemical Properties

Physical State	Aerosol
Color	Off-white opaque viscous emulsion
Odor	Solvent
Odor Threshold	N/A

Solubility	Insoluble in water
Partition coefficient Water/n-octanol	N/A
VOC%	35.0%
Viscosity	Not established
Specific Gravity	0.95
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	< -17C concentrate
FP Method	N/A
pH	Not applicable
Melting Point	Not established
Boiling Point	Not established
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	< 1.00 (BuAc=1)
Flammability	Vapors may be flammable
Decomposition Temperature	N/A
Auto-ignition Temperature	Not established
Vapor Pressure	Not established
Vapor Density	N/A

Note

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

Section 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

Section 11. Toxicological Information

Carcinogenicity
Component Toxicology
Information

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

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

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.

Section 14. Transport Information

UN Number 1950
UN Proper Shipping Name Aerosols, flammable
DOT Classification 2.1
Packing Group Not applicable
IATA UN Number UN1950
UN proper shipping name Aerosols, flammable (ACETONE, HEPTANE)
Transport Hazard Class(es)
Class 2.1

IMDG

Subsidiary risk ---
Label(s) 2.1
Packing group Not applicable
Environmental hazards No
Other information
Passenger and cargo aircraft Allowed
Cargo aircraft only Allowed
UN Number UN1950
UN proper shipping name Aerosols, flammable (ACETONE, HEPTANE)
Transport Hazard Class(es)
Class 2.1
Subsidiary risk ---
Label(s) 2.1
Packing group Not applicable
Environmental hazards
Marine Pollutant Yes

Section 15. Regulatory Information

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	n-Hexane (110-54-3)
SARA Title III Section 313 Toxic Chemicals	n-Hexane (110-54-3)
New Jersey	Hexane (110-54-3) Propane (74-98-6)
Pennsylvania	Hexane (110-54-3) Propane (74-98-6)
California Prop 65	WARNING: This product can expose you to chemicals including Titanium Dioxide, which is known to the State of California to cause cancer, and Ethylene Glycol Monomethyl Ether, which is known to the State of California to cause birth defects and/or other reproductive harm. For more information, go to www.P65Warnings.ca.gov

Section 16. Other Information

Revision Date	6/6/2018
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.