

# Safety Data Sheet

Classified in accordance 29 CFR 1910.1200

## 1. Product Identification

**Product Information:** 1000040197

**Product Identifier:** WHITE LITHIUM GREASE

**Recommended Use:** Lubricant

**Manufacturer/Importer/Distributor Information:** Association of Independent Oil Distributors  
203 W Main St  
Montrose, CO 81402  
US  
800-313-2463

**Emergency Telephone:** 866-836-8855

## 2. Hazard(s) identification

### Classification

Flammable Aerosol, category 1  
Aspiration Hazard, category 1  
Skin Irritation, category 2  
Carcinogenicity, category 2  
Reproductive Toxicity, category 2  
STOT, repeated exposure, category 2

### Label elements

#### HAZARD PICTOGRAMS



### SIGNAL WORD

Danger

### GHS HAZARD STATEMENTS

H222 Extremely flammable aerosol.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H351 Suspected of causing cancer.  
H361 Suspected of damaging fertility or the unborn child.  
H373 May cause damage to organs through prolonged or repeated exposure.

### GHS PRECAUTIONARY STATEMENTS

#### Prevention

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.

P203	Obtain, read and follow all safety instructions before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P260	Do not breathe fumes, mists, vapours or spray.
P264	Wash thoroughly after handling.
P280	Wear protective gloves and protective clothing
<b>Response</b>	
P301+P316	IF SWALLOWED: Get emergency medical help immediately.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P318	IF exposed or concerned, get medical help.
P319	Get medical help if you feel unwell.
P331	Do NOT induce vomiting.
P332+P317	If skin irritation occurs: Get medical help.
P362+P364	Take off contaminated clothing and wash it before reuse.
<b>Storage</b>	
P405	Store locked up.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
<b>Disposal</b>	
P501	Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Other Information**

None

### 3. Composition/Information on Ingredients

**Mixtures**

<u>Chemical Identity</u>	<u>CAS Number</u>	<u>Content in Percent (%)*</u>
Distillates (Petroleum), Hydrotreated Light	64742-47-8	25-50
Hydrogenated Polydecene	68037-01-4	10-25
Xylene	1330-20-7	10-25
Propane	74-98-6	10-25
Butane	106-97-8	10-25
Ethyl Benzene	100-41-4	2.5-10
Titanium dioxide	13463-67-7	0.1-1.0
Toluene	108-88-3	0.1-1.0

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Composition Comments:** Other components are not hazardous or are below required disclosure limits.

The exact concentration has been withheld as a trade secret.

### 4. First-aid Measures

**SKIN CONTACT:** Remove contaminated clothing and wash the skin thoroughly with soap and water after work.

**EYE CONTACT:** Rinse immediately with plenty of water.

**INHALATION:** Move to fresh air.

**INGESTION:** Rinse mouth.

**IMPORTANT SYMPTOMS:** No data available

**INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:** Get medical attention if symptoms occur.

## 5. Fire-fighting Measures

**EXTINGUISHING MEDIA:** Use fire-extinguishing media appropriate for surrounding materials.

**UNSUITABLE EXTINGUISHING MEDIA:** Do not use water jet as an extinguisher, as this will spread the fire.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** No data available

**SPECIAL FIREFIGHTING PROCEDURES:** No data available

## 6. Accidental Release Measures

**PERSONAL PRECAUTIONS :** Ventilate closed spaces before entering them. **ELIMINATE** all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:** Stop the flow of material, if this is without risk. Absorb with sand or other inert absorbent.

**ENVIRONMENTAL PRECAUTIONS:** Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages.

## 7. Handling and Storage

**HANDLING:** Keep away from sources of ignition - No smoking. Keep away from open flames, hot surfaces and sources of ignition. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

**SAFE HANDLING ADVICE:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

**STORAGE:** Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

**NFPA 30B:** Aerosol Level 2

## 8. Exposure Controls/Personal Protection

### Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>TLV-TWA</u>	<u>TLV-STEL</u>	<u>PEL-TWA</u>	<u>PEL-CEILING</u>
Distillates (Petroleum), Hydrotreated Light	200 mg/m3	N.E.	N.E.	N.E.
Hydrogenated Polydecene	N.E.	N.E.	N.E.	N.E.
Xylene	20 ppm	N.E.	100 ppm	N.E.
Propane	N.E.	N.E.	1000 ppm	N.E.
Butane	N.E.	1000 ppm	N.E.	N.E.
Ethyl Benzene	20 ppm	N.E.	100 ppm	N.E.
Titanium dioxide	0.2 mg/m3	N.E.	15 mg/m3	N.E.
Toluene	20 ppm	N.E.	200 ppm	300 ppm

**Further Advice:** MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation  
Sk = Skin Sensitizer N.E. = Not Established

**ENGINEERING CONTROLS:** No data available.

### Personal Protection

**EYE/FACE PROTECTION:** Wear goggles/face shield.

**SKIN PROTECTION:** No data available

**RESPIRATORY PROTECTION:** Seek advice from local supervisor. In case of inadequate ventilation use suitable respirator.

**HYGIENIC PRACTICES:** When using do not smoke. Observe good industrial hygiene practices.

## 9. Physical and Chemical Properties

### Appearance:

Physical State:	Liquid
Form:	Spray Aerosol
Color:	No data available
Odor:	No data available
Odor Threshold:	No data available
pH:	No data available
Freeze Point, °C:	No data available
Boiling Point, °C:	7
Flash Point, °C:	-104
Flammability (solid, gas):	No data available
Evaporation Rate:	No data available
Combustibility:	Supports Combustion
Explosive Limits, %:	0.6 - 9.5
Vapor Pressure @20°C, PSI:	No data available
Vapor Density:	No data available
Relative Density:	No data available
Solubility in Water:	No data available
Partition Coefficient, n-octanol/water:	No data available
Auto-Ignition Temperature, °C:	No data available
Decomposition temperature, °C:	No data available
Kinematic Viscosity:	No data available

## 10. Stability and Reactivity

**REACTIVITY:** No data available.

**STABILITY:** Material is stable under normal conditions.

**POSSIBILITY OF HAZARDOUS REACTIONS:** No data available.

**CONDITIONS TO AVOID:** Avoid heat or contamination

**INCOMPATIBILITY:** No data available

**HAZARDOUS DECOMPOSITION PRODUCTS:** No data available.

## 11. Toxicological Information

### Information on Likely Routes of Exposure

**IMPORTANT SYMPTOMS:** No data available

**SKIN CONTACT EFFECTS:** May cause irritation on prolonged or repeated contact.

**EYE CONTACT EFFECTS:** May cause slight irritation with tearing.

**INHALATION EFFECTS:** Inhalation of high concentrations of mists may cause irritation of the nose throat and upper respiratory tract.

**INGESTION EFFECTS:** Ingestion may cause irritation of the mucous membranes, esophagus and stomach.

**CHRONIC HAZARDS:** No data available

**Carcinogenicity:** contains 2 components (Ethyl Benzene, Titanium dioxide) present at a level greater or equal to 0.1% that have been identified as possible carcinogenic to humans by IARC (Group 2B).

The following values are calculated based on chapter 3.1 of the GHS document. The product itself has not been tested.

<u>ATE ORAL</u>	4,727 mg/kg
<u>ATE DERMAL</u>	3,226 mg/kg
<u>ATE INHALATION</u>	56 mg/kg

#### Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
64742-47-8	Distillates (Petroleum), Hydrotreated Light	5,000 mg/kg	5000 mg/kg	>100 mg/l
68037-01-4	Hydrogenated Polydecene	5,000 mg/kg	5000 mg/kg	100 mg/l
1330-20-7	Xylene	3,523 mg/kg	1,100 mg/kg	11 mg/l
74-98-6	Propane	5,000 mg/kg	5,000 mg/kg	100 mg/l
106-97-8	Butane	5000 mg/kg	5000 mg/kg	658 mg/L Rat
100-41-4	Ethyl Benzene	3,500 mg/kg	5,000 mg/kg	11 mg/l
13463-67-7	Titanium dioxide	5,000 mg/kg	5,000 mg/kg	100 mg/l
108-88-3	Toluene	5,580 mg/kg	5,000 mg/kg	28.1 mg/l

N.I. = No Information

#### Skin Corrosion & Irritation:

<b>Product:</b>	No data available
<b>Components:</b>	
Xylene	1330-20-7 Causes skin irritation.

#### Serious Eye Damage & Irritation:

<b>Product:</b>	No data available
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#### Respiratory or Skin Sensitization:

<b>Product:</b>	No data available
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#### STOT-Single Exposure:

<b>Product:</b>	No data available
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#### STOT-Repeated Exposure:

<b>Product:</b>	No data available
<b>Components:</b>	
Ethyl Benzene	100-41-4 May cause damage to organs through prolonged or repeated exposure.

#### Aspiration Hazard:

<b>Product:</b>	No data available
<b>Components:</b>	
Distillates (Petroleum), Hydrotreated Light	64742-47-8 May be fatal if swallowed and enters airways.
Hydrogenated Polydecene	68037-01-4 May be fatal if swallowed and enters airways.
Ethyl Benzene	100-41-4 May be fatal if swallowed and enters airways.
Toluene	108-88-3 May be fatal if swallowed and enters airways.

**Carcinogenicity:**

<b>Product:</b>		No data available
<b>Components:</b>		
Titanium dioxide	13463-67-7	Suspected of causing cancer
Ethyl Benzene	100-41-4	Suspected of causing cancer

**Reproductive Toxicity:**

<b>Product:</b>		No data available
<b>Components:</b>		
Toluene	108-88-3	Suspected of damaging fertility or the unborn child.

**Germ Cell Mutagenicity:**

<b>Product:</b>	No data available
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## 12. Ecological Information

**ECOLOGICAL INFORMATION:** No data available

**PERSISTENCE:** No data available

**BIOACCUMULATE:** No data available

**MOBILITY IN SOIL:** No data available

**OTHER ECOLOGICAL:** No data available

## 13. Disposal Information

**DISPOSAL INFORMATION:** Consult with your local, regional and federal agencies for information on proper disposal.

**CONTAMINATED PACKAGING :** Consult with your local, regional and federal agencies for information on proper disposal.

## 14. Transport Information

**SPECIAL TRANSPORT PRECAUTIONS:** No data available

**DOT**

<b>UN Number:</b>	UN1950
<b>Proper Shipping Name:</b>	AEROSOLS, FLAMMABLE
<b>Technical Name:</b>	N/A
<b>Hazard Class(es)</b>	
<b>Class:</b>	2.1
<b>Subsidiary Risk</b>	N/A
<b>Packing Group:</b>	N/A

**IATA**

<b>UN Number:</b>	UN1950
<b>Proper Shipping Name:</b>	AEROSOLS, FLAMMABLE
<b>Technical Name:</b>	N/A
<b>Hazard Class(es)</b>	
<b>Class:</b>	2.1
<b>Subsidiary Risk:</b>	N/A
<b>Packing Group:</b>	N/A

**IMDG**

<b>UN Number:</b>	UN1950
<b>Proper Shipping Name:</b>	AEROSOLS, FLAMMABLE
<b>Technical Name:</b>	N/A
<b>Hazard Class(es)</b>	
<b>Class:</b>	2.1
<b>Subsidiary Risk:</b>	N/A
<b>Packing Group:</b>	N/A

The classification shown in this section may be eligible for use of an exception, such as 'Limited Quantity', per the dangerous goods regulations. The shipper of this product should consult the applicable mode's regulation for the UN number displayed above to determine if any exceptions are available and may be utilized, at the shipper's discretion.

**15. Regulatory Information****CHEMICAL INVENTORY STATUS:**

<b>TSCA</b>	On or in compliance with the inventory
<b>DSL</b>	All ingredients in this product are listed on the DSL or are exempt.

**CALIFORNIA PROPOSITION 65 CARCINOGENS AND REPRODUCTIVE TOXINS:****WARNING**

Warning: This product may contain ingredients known to the state of California to cause Cancer or Reproductive Harm.

**Chemical Name****CAS-No.**

Ethyl Benzene	100-41-4
Titanium dioxide	13463-67-7
Toluene	108-88-3
Lead	7439-92-1
Cadmium	7440-43-9

**16. Other Information**

<b>Revision Date:</b>	1/5/2023
<b>Datasheet produced by:</b>	Regulatory Department

**Legend**

N/A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

TLV - Threshold Limit Values (TLVs®), as established by the American Conference of Governmental Industrial Hygienists (ACGIH®)

PEL - Permissible Exposure Limit, as established by the U.S. Occupational Safety and Health Administration (OSHA), as amended

TSCA - U.S. Toxic Substance Control Act

DSL - Canada Environmental Protection Act: Domestic Substance List

This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.



