

## WHITE LITHIUM GREASE, Aerosol SAFETY DATA SHEET

### Section 1- Product and Company Identification

**Product Code:** 17120

**Manufacture/Supplier :** Anti-Seize Technology  
2345 N. 17<sup>th</sup> Ave.  
Franklin Park, IL 60131

**Phone:** 847-455-2300

**Fax:** 847-455-2371

**Web:** antiseize.com

**Emergency Phone, 24 hr:** Infotrac @ 1-800-535-5053 ( US & Canada )  
1-352-323-3500 ( International )  
**Web:** infotrac.net

**Product Use:** Lubrication

**Date:** June 1,2015

### Section 2-Hazard Identification

**GHS Classification ( Hazcom 2012):**

Aspiration Hazard—Category 1

Skin Irritation—Category 2

Aerosol--Category 1

Flammable Liquids, Category 3

**Label Elements:**



**Signal word:**

DANGER

**Hazard Phrases:**

H222,H229—Extremely flammable aerosol, Pressurized container may burst if heated

H226- Flammable liquid and vapor

H304—May be fatal if swallowed and enters airways

H315—Causes skin irritation

**Precautionary Phrases:**

P101—If medical advice is needed, have product container or label at hand

P102—Keep out of reach of children.  
P103—Read label 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  
P260—Do not breathe fume/gas/mist/vapors/spray  
P264—Wash thoroughly after handling.  
P251—Do not pierce or burn, even after use.

**Response:**

P305+P351+P338—IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing.  
P337+P313—If eye irritation persists, get medical advice/attention.  
P303+P361+P353—IF ON SKIN: Take off all contaminated clothing immediately, rinse skin with soap and water.  
P332+P313—If skin irritation occurs: get medical advice/ attention.  
P202—Do not handle until all safety precautions have been read and understood.  
P301+P310—IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
P312—Call a POISON CENTER or doctor/physician if you feel unwell.  
P331- Do NOT induce vomiting.

**Storage:**

P410—Protect from sunlight  
P412—Do not expose to temperatures exceeding 122F.  
P403—Store in a well ventilated place

**Disposal:** Dispose of contents in accordance with local, regional and national regulations.

**Section 3- Composition/ Information on Ingredients**

CHEMICAL	CAS NUMBER	PERCENT
ISOPARAFFINIC PETROLEUM DISTILLATE	64742-47-8	18-31
MINERAL OIL, PETROELUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC	64742-52-5	13-24
BUTANE	106-97-8	10-22
PROPANE	74-98-6	5-10
ISOBUTANE	75-28-5	4-10
Lithium Soap	7620-77-1	1-2

The specific identity and/or exact percentage of composition has been withheld as a trade secret

**Section 4 – First Aid Measures**

**Eye:** Flush eyes with water, holding the eyelids apart. Get medical attention if irritation develops or persists. Remove contact lenses if it is easy to do so.

**Skin:** Remove all contaminated articles of clothing. Wash clothing before reuse. Wash thoroughly with plenty of water. Get medical attention if irritation persists.

**Inhalation:** Remove to fresh air and keep comfortable for breathing. If irritation occurs, get medical attention. Call a POISON CENTER/doctor. Eliminate all sources of ignition.

**Ingestion:** Rinse mouth, do NOT induce vomiting. If large amounts ingested, seek medical attention from a POISON CENTER or doctor.

**Most Important symptoms and effects, both acute and delayed:** None known.

**Indication of any immediate medical attention and special treatment needed:** Immediate medical attention required if ingestion occurs, or if any type of irritation from exposure persists.

### Section 5 – Fire Fighting Measures

**Suitable and Unsuitable Extinguishing Media:** Use water spray or fog, foam, carbon dioxide or dry chemical. Do not use water spray and foam on the same surfaces as water destroys the foam.

**Special Hazards Arising from the Chemical:** Contents under pressure, keep away from any additional sources of ignition. Containers may burst if heated. Water fog may be used to cool the containers but do not spray directly into large containers of burning liquids as frothing may occur. Dense smoke and noxious or toxic fumes may be generated in a fire. The thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating, including carbon dioxide and carbon monoxide.

**Special Equipment and Precautions for Fire-Fighters:** Wear NIOSH approved positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water.

### Section 6 – Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:** Wear appropriate personal protective equipment. Use caution: slip hazard.

**Environmental Hazards:** Report spills and releases as required to appropriate authorities. Stop spill from entering waterways, sewers, storm drains and other bodies of water using suitable materials.

**Methods and Material for Containment and Cleaning Up:** Collect liquid spill with an inert absorbent material and place into a suitable container for disposal. Dispose of spilled material in compliance with all local, state, federal, and international regulations.

### Section 7 – Handling and Storage

**Precautions for Safe Handling:** Avoid contact with eyes. Avoid breathing vapors and mists. Use with adequate ventilation. Keep away from heat sources. Contents under pressure. Do not puncture or incinerate container. Do not smoke while using.

**Conditions for Safe Storage, Including any Incompatibilities:** Store in a cool, well-ventilated area at temperatures below 120°F. Do not store in direct sunlight.

### Section 8 – Exposure Controls / Personal Protection

CHEMICAL NAME	EXPOSURE LIMITS
ISOPARAFFINIC PETROLEUM DISTILLATE	500ppm, OSHA TWA, inhalable 2000 mg/m3, OSHA TWA
MINERAL OIL, PETROELUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC	500ppm, OSHA TWA, inhalable 2000 mg/m3, OSHA TWA
BUTANE	800ppm NIOSH TWA
PROPANE	1000 ppm OSHA TWA
ISOBUTANE	800ppm NIOSH TWA

**Appropriate Engineering Controls:** Use with adequate general or local exhaust ventilation to maintain exposure levels below the exposure limits. If the product is used at high temperatures, local exhaust ventilation may be required.

**Individual Protection Measures:**

**Respiratory Protection:** In operations where the occupational exposure limits are exceeded, a NIOSH approved respirator with organic vapor/particulate cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

**Skin Protection:** Impervious gloves such as rubber or nitrile recommended where needed to avoid prolonged skin contact .

**Eye Protection:** Safety glasses or goggles recommended where needed to avoid eye contact.

<b>Section 9 – Physical and Chemical Properties</b>
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<b>Appearance:</b> White, grease, aerosol	<b>Vapor Density (air = 1):</b> Not available
<b>Odor:</b> Slight	<b>Specific Gravity:</b> 0.8
<b>Odor Threshold:</b> Not established	<b>Water Solubility:</b> Not soluble
<b>pH:</b> Not available	<b>Octanol/Water Partition Coefficient:</b> Not available
<b>Melting Point/Freezing Point:</b> Not available	<b>Autoignition Temperature:</b> Not available
<b>Boiling Point:</b> -44 to over 350°F	<b>Decomposition Temperature:</b> Not available
<b>Flash Point:</b> Not available	<b>Viscosity:</b> Not available
<b>Evaporation Rate:</b> Not available	<b>Explosion Properties:</b> None
<b>Flammable Limits:</b> <b>LEL:</b> Not available <b>UEL:</b> Not Available	<b>Oxidizing Properties:</b> Not oxidizing
<b>Vapor Pressure:</b> Not established	<b>Aerosol Fire Protection Level:</b> Not applicable
<b>VOC Content:</b> 24.2% (Regulatory)	<b>Flammability (solid, gas):</b> Gas

<b>Section 10 – Stability and Reactivity</b>
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**Reactivity:** Not reactive under normal conditions of use.

**Chemical Stability:** Stable under normal storage and handling conditions.

**Possibility of Hazardous Reactions:** None known

**Conditions to Avoid:** Use with strong oxidizing chemicals such as concentrated acids.

**Incompatible Materials:** Avoid strong oxidizing agents and acids.

**Hazardous Decomposition Products:** The thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating.

#### Section 11 – Toxicological Information

**Potential Health Effects:**

**Eye:** May cause mild irritation.

**Skin:** Prolonged contact may cause mild irritation of the skin.

**Inhalation:** No adverse effects expected at ambient temperatures. Inhalation of vapors and fumes from thermal decomposition may cause respiratory irritation .

**Ingestion:** Swallowing may cause gastrointestinal irritation, nausea, vomiting, diarrhea

**Chronic Hazards:** Prolonged inhalation of thermal decomposition products may result in lung damage.

**Carcinogen Status:** None of the components of this product are listed as carcinogens by IARC, NTP or OSHA.

#### Section 12 – Ecological Information

**This product has not been evaluated for Ecological effects.**

#### Section 13 – Disposal Consideration

**Waste disposal:** Dispose of in a responsible manner. Follow local, state and federal guidelines. Do not discharge into sewers or waterways. Incineration is the preferred method of disposal, although it may be landfilled at an approved facility.

#### Section 14- Transport Information

**DOT Proper Shipping Name:** UN1950, Aerosols, 2.1, Limited Quantity

**DOT Technical Name:** None

**DOT Hazard Class:** 2.1

**UN Number:** UN1950

**DOT Labels Required (49CFR172.101):** LTD QTY

**IMDG Shipping Description:** UN1950, Aerosols, 2.1, FP -17 C, Limited Quantity,

**ID Number:** UN1950

**Hazard Class:** 2.1

**Packing Group:** None

**Labels Required:** None

**Marking Required:** Limited Quantity Mark

**Placards Required:** Limited Quantity

**ICAO/IATA**

**Proper shipping name:** Aerosol, Flammable

**Hazard Class:** 2.1

**Identification Number:** UN 1950

**Packing Group:** None

<b>Section 15 – Regulatory Information</b>
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**CERCLA Hazardous Substances (Section 103)/RQ:** Not subject to the reporting requirements.

**SARA Hazard Category (311/312):** Fire Hazard, Pressure Hazard, Acute Health

**SARA 313:** This product contains the following chemicals regulated under SARA Title III, section 313: None

**EPA TSCA Inventory:** All of the components of this product are listed on the TSCA inventory.

**CALIFORNIA PROPOSITION 65:** This product is not known to contain listed chemicals.

<b>Section 16 – Other Information:</b>
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The information contained herein is based on data considered accurate, however, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from the use of his product. Therefore, because the product may be used under conditions beyond our control, we assume no liability for its use.