



ANTI-SEIZE TECHNOLOGY
A.S.T. Industries, Inc.

WHITE LITHIUM GREASE, Aerosol SAFETY DATA SHEET

Section 1- Product and Company Identification

Product Code: 17120

Manufacture/Supplier : Anti-Seize Technology
2345 N. 17th 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: Dec 4, 2020

Section 2-Hazard Identification

GHS Classification (Hazcom 2012):

Aerosol--Category 1

Eye irritation-Category 2

Gases under pressure –Liquefied gas

Carcinogenicity-Category 1B

Germ Cell Mutagenicity-Category 1B

Label Elements:



Signal word:

DANGER

Hazard Statements

Extremely flammable aerosols

Contains gas under pressure; may explode if heated

Causes serious eye irritation

May cause cancer

May cause genetic defects

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

Keep out of reach of children
Read label before use

Prevention:

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 sources
Do not pierce or burn, even after use
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves, protective clothing, eye protection and face protection
Wash hands thoroughly after using

Response:

If exposed or concerned: get medical attention
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.
Continue rinsing.
If eye irritation persists: get medical attention.

Storage

Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F

Disposal

Dispose of contents and container in accordance with local, regional, national and international regulations

Section 3- Composition/ Information on Ingredients

CHEMICAL	CAS NUMBER	PERCENT
Petroleum Gases, Liquified, Sweetened	68476-86-8	17-29
Petrolatum	8009-03-8	8-17
n-Heptaene	142-82-5	3-6
Mineral Oil	8042-47-5	3-6
Heptane, branched, cyclic and linear	426260-76-6	2-5
VM+P Naphtha	64742-49-0	2-5
Aliphatic, Light Hydrocarbon Solvent	64742-89-8	2-5
Zinc Oxide	1314-13-2	2-4
Heavy Aliphatic Naphtha	64742-96-7	2-4
Titanium Dioxide	13463-67-7	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
Aliphatic , Light Hydrocarbon Solvent	500ppm OSHA TWA
VM+P Naphtha	500ppm OSHA TWA
Mineral Oil	5mg/m ³ , mist OSHA TWA
Petroleum Gases, sweetened , Liquified	500ppm OSHA TWA 85ppm NIOSH TWA
Titanium Dioxide, as dust	15mg/m ³ OSHA TWA
Benzene, (Trace amount)	25ppm ceiling, OSHA TWA 2.5 ppm ACGIH TWA

Ethyl Benzene (trace amount)	100ppm, OSHA TWA 100ppm, NIOSH, TWA
Cumene (Trace amount)	50ppm, OSHA TWA 50ppm NIOSH TWA
Toluene (trace amount)	200/300 ceiling, OSHA 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.

Section 9 – Physical and Chemical Properties

Appearance: White, grease, aerosol	Vapor Density (air = 1): Not available
Odor: Slight	Specific Gravity: 0.8
Odor Threshold: Not established	Water Solubility: Not soluble
pH: Not available	Octanol/Water Partition Coefficient: Not available
Melting Point/Freezing Point: Not available	Autoignition Temperature: Not available
Boiling Point: -44 to over 350°F	Decomposition Temperature: Not available
Flash Point: Not available	Viscosity: Not available
Evaporation Rate: Not available	Explosion Properties: None
Flammable Limits: LEL: Not available UEL: Not Available	Oxidizing Properties: Not oxidizing
Vapor Pressure: Not established	Aerosol Fire Protection Level: Not applicable
VOC Content: 42.8% or 2.66lb/gal	Flammability (solid, gas): Gas

Section 10 – Stability and Reactivity

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

Germ cell mutagenicity: May cause genetic defects

Specific target organ toxicity:No data available

Aspiration Hazard: Avoid breathing mist or vapors

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

Carcinogen Status: May cause cancer.

Acute Toxicity: No

Likely Routes of Exposure: Inhalation, Ingestion, Skin contact, eye contact

Section 12 – Ecological Information

Toxicity: Toxic to aquatic life with long lasting effects. Zinc Oxide

Persistence and Degradability: Inherently biodegradable, but not readily biodegradable

Bio-Accumulative Potential: Has the potential to bioaccumulate

Mobility in Soil: If it enters soil, it will absorb to soil particles and will not be mobile

Other adverse effects: No data available

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. Empty containers retain product residue which may exhibit hazards, therefore do not cut, puncture can or tamper with valve

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, 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

Section 15 – Regulatory Information

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:  **WARNING:** This product can expose you to toluene, ethyl benzene, benzene, Cumene and naphthalene which is known to the State of California to cause cancer and developmental issues. For more information go to www.P65warnings.ca.gov

Section 16 – Other Information:

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.