

AIROSOL COMPANY, INC.

1206 Illinois

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Neodesha KS 66757

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

PRODUCT NAME: **American Grease Stick (AGS) Lith-Ease White Lithium Grease**
PRODUCT NUMBER:: **WL-16 (37716)**

CAS NUMBER: Mixture See Section 3.
PRODUCT FAMILY: **Lubricant**
HMIS: Health 1 Reactivity 0 Flammability 3
NFPA RATING AS AN AEROSOL: Level Three

Medical Emergency: 1-800-633-9576 (8AM-5PM central time)
INFOTRAC: 1-800-535-5053

SECTION 2: HAZARD IDENTIFICATION

EMERGENCY OVERVIEW:

DANGER: EXTREMELY FLAMMABLE AEROSOL. PRESSURIZED CONTAINER MAY BURST IF HEATED. HARMFUL OR FATAL IF SWALLOWED. SKIN IRRITANT.

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture

EXTREMELY FLAMMABLE AEROSOL - Category 1
SKIN CORROSION/IRRITATION - Category 2
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [Narcotic effects] -
Category 3
ASPIRATION HAZARD - Category 1

GHS label elements

Hazard pictograms



Signal word

: Danger

Hazard statements

: EXTREMELY FLAMMABLE AEROSOL.
Causes skin irritation.
May be fatal if swallowed and enters airways.
May cause drowsiness and dizziness.

Precautionary statements

Prevention

: Wear protective gloves. Wear eye or face protection. Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Use only outdoors or in a well-ventilated area. Avoid breathing vapor. Wash hands thoroughly after handling.

Response

: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. If skin irritation occurs: Get medical attention.

Storage

: Store locked up. Store in a well-ventilated place. Keep cool.

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

Hazards not otherwise classified

: None known.

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SECTION 3: COMPOSITION

HAZARDOUS COMPONENTS	%	CAS NO
Heptane	10-15	64742-49-0
Oleic Acid	15-20	112-80-1
Severely Hydro treated Heavy Naphthenic Distillate	5-10	64742-52-5 64741-88-4 64741-89-5
Water	30-35	7732-18-5
Petroleum Distillates, Hydrotreated heavy paraffin	13-18	54742-54-7
Hydroxyl containing saturated fatty acids	1-2	Proprietary
Titanium Dioxide	1-2	13463-67-7
Propane	5-10	74-98-6
Butane	5-10	106-97-8

Abbreviations

NE: None established N/A: Not applicable *: ACGIH "STEL" Guidelines ND: Not Determined STEL: Short Term Exposure Limits

SECTION 4: FIRST AID MEASURES

Take proper precautions to ensure your own health and safety before attempting rescue or providing first aid. For more specific information, refer to Exposure Controls and Personal Protection in Section 8 of this MSDS.

IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. If spontaneous vomiting is about to occur, place victims head between their knees to prevent aspiration. Call a physician or transport to an emergency facility immediately.

IF IN EYES: Rinse cautiously with water for several minutes. Lift upper and lower eyelids to ensure proper rinsing. Get medical attention if irritation persists.

IF ON SKIN: Wash skin with soap and water. Remove contaminated clothing and launder it before reuse. Should any irritation persist, get medical attention.

IF INHALED: Increase fresh air circulation or leave area. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet. Get immediate medical attention.

SECTION 5: FIRE FIGHTING MEASURES

NFPA Flammability Classification: LEVEL 3 Aerosol

FLASH POINT: Not Determined **FLAMMABLE LIMITS: UEL** 9.5 % **LEL** 1.2 %

EXTINGUISHING MEDIUM: AS APPROPRIATE FOR COMBUSTIBLES IN AREA.

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus when fighting fires containing or around this product. Shut off all sources of ignition, if possible. Keep exposed containers cool with water spray to prevent rupture. Evacuate all non-trained personnel. Wear full protective clothing, including helmet. Ventilate area. Contain spill and dike, if possible. For leaks or spills water spray can be used to disperse any flammable vapors that may become concentrated or form in poorly ventilated areas and to protect personnel attempting to stop the leak.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Firefighters should wear SCBA's in a positive pressure mode with full face shield. Vapors are heavier than air and may travel long distances and accumulate in low areas or spread along ground from handling site. Eliminate all sources of ignition. Never use welding or cutting torch on or near this product because even just residue can ignite explosively.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Take proper precautions to ensure your own health and safety before attempting spill control or clean-up.

Ventilate area-especially low places where heavy vapors might collect. Extinguish all ignition sources. For small spills/leaks mop, wipe, or soak up on an inorganic material immediately. Remove to vent hood or outside. For large spills/leaks evacuate area, contain spill (dike area), and transfer contained liquid to a DOT approved container for disposal. Keep out of water supply. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personnel protective equipment.

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SECTION 7: HANDLING AND STORAGE

Store in tightly sealed containers. Keep away from heat, sparks & open flame. Do not get in eyes, on skin or clothing. Do not breathe vapor, mist or gas. Do not store or transfer to an unmarked container. Do not throw empty containers in trash compactor. Do not store in direct sun. Store containers below 120°F. Read label before using.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Control airborne concentrations below the exposure limits see below. Use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations. Lethal concentrations may exist in areas with poor ventilation.

PERSONAL PROTECTIVE EQUIPEMNT: Personal protective equipment should be selected based upon the conditions under which this material is used. A hazard assessment of the work area for PPE requirements should be conducted by a qualified professional pursuant to OSHA regulations. Minimum requirements are: SAFETY GLASSES and GLOVES.

RESPIRATORY PROTECTION (SPECIFY TYPE): If workplace exposure limit(s) of product or any component is exceeded (see Section two), a NIOSH approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH respirators (negative pressure type) under specified conditions (see your safety equipment supplier). Engineering or administrative controls should be implemented to reduce exposure.

HAND PROTECTION: For brief contact, no precautions should be needed. When prolonged or frequently repeated contact could occur, use protective gloves such as; polyvinyl alcohol or polyethylene.

EYE PROTECTION: Chemical splash goggles in compliance with OSHA regulations are advised; OSHA regulations also permit other type of safety glasses (consult your safety equipment supplier)

BODY PROTECTION: To prevent repeated or prolonged skin contact, use protective clothing impervious to this product. Selection of specific items such as gloves, boots, apron, or full body suit will depend on operation.

OCCUPATIONAL EXPOSURE GUIDELINES:

HAZARDOUS COMPONENTS	OSHA PEL	ACGIH
Heptane	400 ppm	400 ppm
Oleic Acid	NE	NE
Severely Hydro treated Heavy Naphthenic Distillate	5 mg/m ³	5 mg/m ³
Propane	1000 ppm	NE
Butane	800 ppm	800 ppm

Abbreviations

NE: None established N/A: Not applicable *: ACGIH "STEL" Guidelines ND: Not Determined STEL: Short Term Exposure Limits

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid	COLOR: White	ODOR: Tallow
SPECIFIC GRAVITY: 0.85-0.90 (Water =1)	pH: N/A	VAPOR DENSITY (Air =1): Heavier Than
VAPOR PRESSURE (mmHg or psig @70°F): 50-70 psig		VISCOSITY (cps @ 70°F) N/D
SOLUBILITY IN WATER % BY WT.: Insoluble		MELTING POINT /FREEZING POINT: N/D
VOLATILE ORGANIC COMPOUNDS (VOCs) Content: 28 %		BOILING POINT RANGE: N/D

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SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable, avoid open flames, welding arcs or other high temperature sources which induce thermal decomposition and direct sunlight.

INCOMPATIBILITY: Avoid contact with halogens, strong acids, alkalis, and oxidizers such as liquid chlorine and oxygen.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide, and other asphyxiates.

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

No toxicological studies have been conducted on this product.

Oleic Acid	LD50 Oral	Rat	25000 mg/kg
Petroleum Distillates			
Light and heavy paraffinic	LD50 Oral	Rat	>5000 mg/kg
	LD50 Dermal	Rabbit	>2000 mg/kg
Titanium Dioxide	LD50 Oral	Rat	>5000 mg/kg
	LD50 Dermal	Rabbit	>5000 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

No ecological studies have been conducted on this product.

Oleic Acid	Acute LC50	2050000 micrograms/liter	Fish (pimephales promelas)	96h
Petroleum Distillates				
Light and heavy paraffinic	Acute LC50	> 100 mg/L	Fish (pimephales promelas)	96h
	Acute EC50	> 100 mg/L	Algae	72h
	Acute EC50	> 100 mg/L	Daphnia	48h
Titanium Dioxide	Acute LC50	1000 mg/L	Fish (fundulus heteroclitus)	96h
	Acute EC50	5.5 mg/L	Daphnia	72h
	Acute EC50	5.83 mg/L	Algae	72h

ECOTOXICITY: If spilled this any water or soil contaminated may be hazardous to human, animal and aquatic life.

ENVIRONMENTAL FATE: The chemicals in this product are potentially toxic to freshwater and salt water ecosystems. They will normally float on water with their lighter components evaporating rapidly. In stagnant or slow-flowing waterways, a hydrocarbon layer can cover a large surface area. As a result this layer might limit or eliminate natural atmospheric oxygen transport into the water. Which with time could lead to a fish kill or an anaerobic environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Hazard characteristics and regulatory waste stream classification can change with product use. It is the responsibility of the user to determine the proper storage, transportation, treatment and/or disposal methodologies for spent materials and residues at the time of disposition.

When disposing of unused contents, the preferred options are to send to licensed reclaimers or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local laws and regulations. Do not dump into sewers, on the ground, or into any body of water.

EPA Hazardous Waste Number (RCRA): D001 (Ignitable)

