MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product:	WL-1, WL-14, WL-15, WL-15BK, WL-19 WL-1H, WL-2BK, WL-35, WL-8, WLB-1, WLC-1	**Trade Name:**	Lith-Ease Grease
Manufacturer:	AGS Company	**Common Name:**	White Lithium Grease
Street Address:	2651 Hoyt St		
City/ State/ Zip	Muskegon Hts., MI 49444		
Phone:	800-253-0403		
Phone:	231-733-2101	**Original Issue Date:**	11/12/1985
FAX:	231-733-1784	**Revision No** 13	**Date** 12/10/2012
Transportation Emergency:	CHEM-TEL		
Phone:	800-255-3924		

SECTION 2 - COMPOSITION/ INFORMATION ON INGREDIENTS

ITEM		CAS NUMBER	WT/WT %
1	Mineral Oil	64742-65-0	60-100
2	Mineral Oil	64742-52-5	15-40
3	Octadecanoic acid, 12-hydroxy-, monolithium salt	7620-77-1	5-10
4	Calcium Carbonate	471-34-1	3-7
5	Hitec 350 (Ethyl Corporation)	Proprietary	1-5

EXPOSURE LIMITS

	ACGIH		OSHA	
ITEM	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING
1	5 mg/m^3	10 mg/m^3	5 mg/m^3	N.E.
2	5 mg/m^3	10 mg/m^3	5 mg/m^3	N.E.
3	N.E.	N.E.	N.E.	N.E.
4	10 mg/m3		15 mg/m3	5 mg/m3 respirable fraction.
5	N.E.	N.E.	N.E.	N.E.

(See Section 16 for abbreviation legend)

SECTION 3 - HAZARDS IDENTIFICATION

EYE CONTACT: May be irritating and can cause pain, tearing, reddening and swelling.

SKIN CONTACT: Prolonged or repeated contact may result in irritation and/or dermatitis.

INHALATION: Prolonged inhalation may cause headaches, dizziness and nausea.

INGESTION: This material may be harmful if swallowed.

CHRONIC HAZARDS: There are no foreseeable uses of the product that would lead to chronic exposure.

Primary Route(s) of Entry Skin and eye contact or ingestion.

SECTION 4 - FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN CONTACT: Immediately flush with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

INGESTION: Get medical attention immediately. If swallowed, DO NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

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SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: 440°F

LOWER EXPLOSIVE LIMIT: N.A. %
UPPER EXPLOSIVE LIMIT: N.A. %

AUTOGNITION TEMPERATURE: 490°F

EXTINGUISHING MEDIA: Water fog, dry chemical, CO^2, foam, and alcohol foam

UNUSUAL FIRE AND EXPLOSION HAZARDS: Product can produce dense smoke from oils burning.

SPECIAL FIREFIGHTING PROCEDURES: Wear NIOSH/MSHA approved self-contained breathing apparatus and protective gear.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

RECOVERY PROCEDURES: Scrape up material and place in a chemical waste container.

SECTION 7 - HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling

STORAGE: Keep away from heat, sparks, and flame.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: No special controls needed when used in supplied form.

RESPIRATORY PROTECTION: For most conditions, no respiratory protection should be needed, however, if high vapor concentration should develop, use a NIOSH approved organic vapor respirator.

SKIN PROTECTION: Where contact is likely, wear chemical resistant gloves.

EYE PROTECTION: Wear safety glasses with side shields or goggles.

OTHER PROTECTIVE EQUIPMENT: Eye wash in work area.

HYGIENIC PRACTICES: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with eyes, skin, and clothing.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE	700°F	VAPOR DENSITY:	Is heavier than air
ODOR	Petroleum	ODOR THRESHOLD	N.D.
APPEARANCE	Cream Color	EVAPORATION RATE	Is slower than Butyl Acetate
SOLUBILITY IN H_2O	Negligible		
FREEZE POINT	N.D.	SPECIFIC GRAVITY	0.88-0.9
VAPOR PRESSURE	N.D.	pH @ 0.0%	N.A.
PHYSICAL STATE	Grease/semi-solid	VISCOSITY:	N.D.

COEFFICIENT OF WATER / OIL DISTRIBUTION: Negligible

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SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Sources of ignition.

INCOMPATIBILITY: Strong acid or alkali, oxidizers and amines.

HAZARDOUS DECOMPOSITION PRODUCTS Oxides of carbon and nitrogen.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions

STABILITY: This product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL PROPERTIES

PRODUCT LD-50 N.D. PRODUCT LC-50 N.D.

COMPONENT TOXICOLOGICAL INFORMATION:

CHEMICAL NAME	LD50	LC50

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No information

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME Not Regulated

DOT TECHNICAL NAME

DOT HAZARD CLASS HAZARD SUBCLASS: N.A.

DOT UN / NA NUMBER: PACKING GROUP: NA RESP. GUIDE PAGE

SECTION 15 - REGULATORY INFORMATION

U.S FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 cfr 1910.1200)

CERCLA - SARA HAZARD CATEGORY:
This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

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SARA SECTION 313
This product contains the following substance subject to the reporting requirements of Section 313 of Title of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME	CAS NUMBER	WT /WT % IS LESS THAN %

No SARA Section 313 components exist in this product.

TOXIC SUBSTANCE CONTROL ACT:
This product contains the following chemical substances subject to the reporting requirements of TSCA 12 (B) if exported from the United States:

CHEMICAL NAME	CAS NUMBER

There are no components subject to TSCA 12(b)

U.S. STATE REGULATIONS: AS FOLLOWS -

NEW JERSEY RIGHT-TO-KNOW:
The following materials are non-hazardous, but are among the top five components in this product:

CHEMICAL NAME	CAS NUMBER

No non-hazardous materials are among the top five ingredients.

PENNSYLVANIA RIGHT-TO-Know
The following non-hazardous ingredients are present in the product at greater than 3%:

CHEMICAL NAME	CAS NUMBER

No non-hazardous ingredients are present at greater than 3%.

CALIFORNIA PROPOSITION 65:
WARNING: The chemical(s) noted below and contained in this product, are know to the state of California to causes cancer, birth defects or other reproductive harm.

CHEMICAL NAME	CAS NUMBER

No Propsition 65 chemicals exist in this product.

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

SECTION 16 - OTHER INFORMATION

HMIS RATINGS:	Health	0	Flammability	1	Phys. Haz.	0	PPE	A
NFPA	Health	0	Flammability	1	Reactivity	0		

VOLATILE ORGANIC COMPOUNDS (VOCs): 0 lbs / gal 0 grams / liter

LEGEND: N.A. Not Applicable N.E. Not Established
N.D. Not Determined

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