



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


# WHITE LITHIUM GREASE

STOCK # ('S): 24205, 24214, 24216, 24235

## MATERIAL SAFETY DATA SHEET

### SECTION I - PRODUCT IDENTIFICATION

**MANUFACTURE:** ANTI-SEIZE TECHNOLOGY  
2345 N. 17th. Ave.  
FRANKLIN PARK, IL. 60131

**TELEPHONE #:** 847-455-2300

**24 HOUR EMERGENCY #:** INFOTRAC, 1-800-535-5053

### SECTION II – COMPOSITION

	CAS #	OSHA PEL,	TLV	SARA III	PROP 65,	PERCENT
BASE LUBRICATING OIL	64742-65-0	10mg/m3 ( AS A MIST)		NO	NO	80 -90
LITHIUM COMPLEX SOAP	7620-77-1	NOT ESTABLISHED		NO	NO	3-10
ZINC OXIDE	1314-13-2	10mg/m3 ( AS DUST)		YES	NO	1 - 5
EXTREME PRESSURE ADDITIVE ( NOT HAZARDOUS )	TRADE SECRET	NO LIMIT	NO	NO	NO	1-5

### SECTION III - PHYSICAL PROPERTIES

**BOILING POINT:** > 600 F  
**MELTING POINT:** 380 F  
**VAPOR PRESSURE:** NO DATA  
**EVAPORATION RATE:** 0

**SOLUBILITY IN WATER:** NIL  
**REACTIVITY IN WATER:** NONE  
**SPECIFIC GRAVITY:** 0.9  
**PERCENT VOLATILE:** 0

**APPEARANCE AND ODOR:** WHITE COLORED GREASE, PETROLEUM LIKE ODOR.

### SECTION IV - FIRE AND EXPLOSION DATA

**FLASH POINT AND METHOD USED:** 460 F. C.O.C.

**FLAMMABLE LIMITS:** LEL: NO DATA UEL: NO DATA

**EXTINGUISHING MEDIA:** FOAM, CO2, DRY CHEMICAL

**SPECIAL FIRE FIGHTING PROCEDURES:** THIS COMPOUND WILL NOT BURN UNLESS IT IS PRE-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. WEAR A " N.I.O.S.H." APPROVED ORGANIC VAPOR RESPIRATOR.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** DENSE SMOKE AND NOXIOUS OR TOXIC FUMES MAY BE GENERATED IN A FIRE. FIRE FIGHTERS SHOULD WEAR A SELF CONTAINED BREATHING APPARATUS.

### SECTION V- PHYSICAL HAZARDS

**STABILITY:** (X) STABLE ( ) UNSTABLE

**CONDITIONS TO AVOID:** NONE REASONABLE FORESEEN

**INCOMPARABILITY ,(MATERIALS TO AVOID):** STRONG OXIDIZING AGENTS.

**HAZARDOUS DECOMPOSITION PRODUCTS:** THE THERMAL DECOMPOSITION PRODUCTS ARE HIGHLY DEPENDANT UPON THE COMBUSTION CONDITIONS. NOXIOUS OR TOXIC FUMES MAY BE GENERATED, SOME OF WHICH MAY BE TOXIC OR IRRITATING.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR

### SECTION VI - HEALTH HAZARDS AND FIRST AID

**ROUTES OF ENTRY:**  SKIN  EYES  INHALATION  INGESTION

**HEALTH HAZARDS:** THIS PRODUCT IS PRACTICALLY NON TOXIC AND NON IRRITATING. HOWEVER AS WITH ANY PETROLEUM PRODUCT, AVOID PROLONGED OR REPEATED SKIN CONTACT.

#### EMERGENCY FIRST AID PROCEDURES

**SKIN:** WASH WITH SOAP AND WATER, USING A NAIL BRUSH . PAY PARTICULAR ATTENTION TO FINGER NAILS AND OPEN WOUNDS.

**EYES:** FLUSH EYE WITH WATER FOR 15 MINUTES, LIFTING THE EYELIDS. IF IRRITATION PERSISTS CONSULT A PHYSICIAN.

**INGESTION:** IF INGESTED THIS PRODUCT IS NOT EXPECTED TO CAUSE AN ACUTE REACTION. THIS PRODUCT CONTAINS A PETROLEUM OIL , **DO NOT INDUCE VOMITING**, BECAUSE THE OIL MAY BE ASPIRATED INTO THE LUNGS. USE A GASTRIC LAVAGE, AND CALL A POISON CONTROL CENTER OR A PHYSICIAN.

**INHALATION:** NOT LIKELY UNDER NORMAL CONDITIONS OF USE. IF USING IN HIGH TEMPERATURE APPLICATIONS WHERE THERMAL DECOMPOSITION IS LIKELY, USE A LOCAL EXHAUST TO REMOVE FUMES. IF DIZZINESS OR IRRITATION OCCURS, SEEK FRESH AIR.

**CHEMICAL ('S) LISTED AS CARCINOGENS**

NPT ? : NO I.A.R.C. ? : NO OSHA ? : NO

## SECTION VII - SPECIAL PRECAUTIONS AND SPILL PROCEDURES

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** STORE IN CLOSED CONTAINERS AWAY FROM INTENSE HEAT OR OPEN FLAMES.

**OTHER PRECAUTIONS:** DO NOT TRANSFER TO UNMARKED CONTAINERS. KEEP AWAY FROM CHILDREN.

**SPILL/ LEAKAGE PROCEDURES:** THE VISCOUS NATURE OF THIS PRODUCT MAKES SPILLS UNLIKELY. SCOOP UP THE MATERIAL AND RETURN TO ITS ORIGINAL CONTAINER, OR USE AN OIL ABSORBENT MATERIAL AND DISPOSE OF PROPERLY.

**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 VIII - SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION:** NORMALLY NOT REQUIRED. IF THIS PRODUCT IS BEING USED IN HIGH TEMPERATURE APPLICATIONS WHERE THE PRODUCT "SMOKES" ,USE A LOCAL EXHAUST OR VENTILATE THE AREA TO MAINTAIN THE AIR QUALITY. A "N.I.O.S.H." APPROVED ORGANIC VAPOR RESPIRATOR IS ALSO ACCEPTABLE.

**PROTECTIVE GLOVES:** NORMALLY NOT REQUIRED UNLESS PROLONGED OR REPEATED SKIN CONTACT IS EXPECTED, THEN USE A LATEX OR NEOPRENE GLOVES.

**EYE PROTECTION:** SAFETY GLASSES ARE RECOMMENDED.

**WORK/HYGIENIC PRACTICES:** USE GOOD STANDARD PRACTICES WHEN USING THIS MATERIAL. DO NOT EAT OR SMOKE WHILE USING, AND THOROUGHLY WASH WITH SOAP AND WATER, USING A NAIL BRUSH AFTER USING.

## SECTION IX - REGULATORY INFORMATION

**CALIFORNIA PROPOSITION 65:** NO

**OZONE DEPLETING SUBSTANCES:** NONE

**SARA TITLE III :** NO

**CERCLA:** NO

**RCRA:** NO

**DOT SHIPPING CLASS:** NOT HAZARDOUS

**TASCA INVENTORY :** ALL INGREDIENTS LISTED

**N.F.P.A. RATING:** H-1,F-2,R-0

## SECTION X - DISCLAIMER

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 THIS PRODUCT. THEREFORE, BECAUSE THE PRODUCT MAY BE USED UNDER CONDITIONS BEYOND OUR CONTROL, WE ASSUME NO LIABILITY FOR IT'S USE.

**DATE PREPARED:** 8/24/04

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