



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

H.M.I.S.	
H -	0
F -	0
R -	0
P.P.	A

# LUBE CUT™, LIGHT HEAVY DUTY CUTTING OIL

STOCK # ('S): 51216, 51232, 51021, 51255

## MATERIAL SAFETY DATA SHEET

### Section 1- Chemical Product and Company Identification

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

**Phone:** 847-455-2300  
**Emergency Phone, 24 hr:** Infotrac @ 1-800-535-5053

### Section 2-Composition/ Information on Ingredients

	CAS #	OSHA PEL,	TLV	SARA III	PROP 65,	PERCENT
HYDROTREATED LIGHT NAPHTHENIC OIL	64742-53-6	5mg/m3	5mg/m3	NO	NO	60 TO 80
PARRAFFINIC DISTILLATE HEAVY	64742-54-7	5mg/m3	5mg/m3	NO	NO	10 TO 30
DI-TERTIARY-NONYL POLYSUFIDE	68425-16-1	NO DATA	NO DATA	NO	NO	1 TO 10
2-ETHYL PHOSPHATE	12645-31-7	NO DATA	NO DATA	NO	NO	1 TO 10

### Section 3- Hazard Identification

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

**HEALTH HAZARDS:** May cause temporary mild eye irritation and redness. Prolonged or repeated skin exposure may result in the loss of natural oils accompanied by dryness, cracking and dermatitis. Ingestion may result in gastrointestinal irritation, nausea, vomiting and diarrhea. Overexposure to vapors or mist may result in upper respiratory tract irritation and difficulty breathing. This product contains mineral oil for which OSHA has established an 8-hour TWA PEL of 5 Mg/m3 as mist. The ACGIH recommends a 15 minute STEL TLV of 10 Mg/m3 for mineral oil mist.

### Section 4 – First Aid Measures

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

**EYES:** THIS PRODUCT COULD CAUSE SOME IRRITATION IF GOTTEN INTO THE EYES AND RUBBED. 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 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 5 – Fire Fighting Measures

**FLASH POINT AND METHOD USED:** 320 F. C.O.C.

**FLAMMABLE LIMITS:** LEL: 0.9 UEL: 7.0

**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.

**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 6 – Accidental Release Measures

**SPILL/ LEAKAGE PROCEDURES:** DIKE THE AREA WITH ABSORBENT MATERIALS. DO NOT ALLOW THIS MATERIAL TO ENTER SEWERS OR WATERWAYS. USE AN OIL ABSORBENT MATERIAL AND DISPOSE OF PROPERLY.

### Section 7 – Handling and Storage

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** STORE IN CLOSED CONTAINERS AWAY FROM INTENSE HEAT OR OPEN FLAMES. DO NOT RE-USE OR CUT CONTAINERS

**OTHER PRECAUTIONS:** DO NOT TRANSFER TO UNMARKED CONTAINERS. KEEP AWAY FROM CHILDREN. USE A SPLASH SHIELD TO MINIMIZE EXPOSURE TO MIST'S.

### Section 8 – Exposure Controls / Personal Protection

**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, AND THEN USE NEOPRENE GLOVES.

**EYE PROTECTION:** SAFETY GLASSES WITH SIDE SPLASH SHIELD OR A FULL FACE MASK 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 9 – Physical and Chemical Properties

**BOILING POINT:** 465 TO 465 F

**MELTING POINT:** DOES NOT APPLY

**VAPOR PRESSURE:** < 0.1 mmHG

**EVAPORATION RATE:** NIL

**APPEARANCE AND ODOR:** MILD PETROLEUM ODOR

**SOLUBILITY IN WATER:** INSOLUBLE

**REACTIVITY IN WATER:** NONE

**SPECIFIC GRAVITY:** 0.91

**PERCENT VOLATILE:** < 0.1 %

### Section 10 – Stability and Reactivity

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

**CONDITIONS TO AVOID:** AVOID CONTACT WITH STRONG ACIDS, STRONG BASES AND STRONG ALKALI'S

**INCOMPARABILITY, (MATERIALS TO AVOID):** AVOID CONTACT WITH STRONG OXIDIZING AND REDUCING AGENTS.

**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. BY-PRODUCTS CAN INCLUDE HYDROGEN CHLORIDE AND OXIDES OF SULFUR.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR.

### Section 11 – Toxicological Information

SEE SECTION 2 FOR ADDITIONAL INFORMATION AND EXPOSURE LIMITS

### Section 12 – Ecological Information

NO ADDITIONAL INFORMATION IS AVAILABLE. THIS PRODUCT IS NOT EXPECTED TO BIOACCUMULATE.

### 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

**SHIPMENT BY LAND:** NOT REGULATED, NO CLASSIFACTION ASSIGNED

**SHIPMENT BY WATER:** NOT REGULATED, NO CLASSIFACTION ASSIGNED

**SHIPMENT BY AIR:** NOT REGULATED, NO CLASSIFACTION ASSIGNED

### Section 15 – Regulatory Information

**ECOLOGICAL INFORMATION:** UNDER EPA-CWA, THIS PRODUCT IS CLASSIFIED AS OIL UNDER SECTION 313. SPILLS INTO OR LEADING TO SURFACE WATERS THAT CAUSE SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER, 1-800-424-8802.

**OSHA:** HAZARDOUS BY DEFINITION OF HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200

**CERCLA-SARA HAZARD CATEGORY:** NO HAZARDOUS INGREDIENTS.

**SARA SECTION 313:** NONE

**TASCA:** NONE

**CANADIAN WHMIS:** NOT HAZARDOUS

### 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.

**DATE:** 1/22/2009

**LUBE CUT DARK, 16 PART ISO MSDS**