



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

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# NATURAL CITRUS DEGREASER AEROSOL-

-STOCK # ('S): 17072

## 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 or 352-323-3500

### Section 2-Composition/ Information on Ingredients

	CAS #	OSHA PEL,	TLV	SARA III	PROP 65,	PERCENT
CARBON DIOXIDE	1245-38-9	1000ppm	1000ppm	NO	NO	4
POLY (OXYETHYLENE)						
NONYLPHENOL	9016-45-9	NOT ESTABLISHED		NO	NO	1 - 8
ETHOXYLATED OCTYL PHENOL	9036-19-5	NOT ESTABLISHED		NO	NO	1- 10
D-LIMONENE	5989-27-5	NOT ESTABLISHED		NO	NO	70 - 90

### Section 3- Hazard Identification

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

**HEALTH HAZARDS:** READ THE WARNING LABELS ON THE CAN FOR ADDITIONAL INFORMATION.

THE SOLVENT IN THIS PRODUCT MAY CAUSE SKIN OR RESPIRATORY IRRITATION IF THE EXPOSURE IS HIGH ENOUGH. USE WITH ADEQUATE VENTILATION TO MAINTAIN THE AIR QUALITY, OR USE A LOCAL EXHAUST. IF PROLONGED OR REPEATED SKIN CONTACT IS EXPECTED USE RUBBER GLOVES TO MINIMIZE EXPOSURE.

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

**INGESTION:** NOT A LIKELY ROUTE OF EXPOSURE, DO NOT INDUCE VOMITING, USE A GASTRIC LAVAGE, AND CALL A POISON CONTROL CENTER OR A PHYSICIAN.

**INHALATION:** THE SOLVENTS AND/OR PROPELLANTS IN THIS PRODUCT MAY AFFECT THE RESPIRATORY TRACT OR CENTRAL NERVOUS SYSTEM. AVOID OVEREXPOSURE. DIZZINESS OR RESPIRATORY IRRITATION ARE SIGNS OF OVEREXPOSURE. SEEK FRESH AIR. OR FOLLOW OTHER STANDARD MEDICAL PRACTICES.

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

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

### Section 5 – Fire Fighting Measures

**AEROSOL FLAMMABILITY:** FLAMMABLE

**FLAMMABLE LIMITS:** LEL: 1.9 UEL: 2.3

**EXTINGUISHING MEDIA:** FOAM, CO<sub>2</sub>, DRY CHEMICAL

**SPECIAL FIRE FIGHTING PROCEDURES:** CANS MAY RUPTURE, BURST OR EXPLODE IN A FIRE. USE EXTREME CAUTION. WATER MAY BE INEFFECTIVE BUT CAN BE USED TO COOL CONTAINERS TO PREVENT PRESSURE BUILD UP. WEAR GOGGLES AND A SELF CONTAINED BREATHING APPARATUS.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** CANS MAY RUPTURE OR BURST, RELEASING THEIR CONTENTS. VAPOR ACCUMULATION CAN FLASH OR EXPLODE IF IGNITED. OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD.

### Section 6 – Accidental Release Measures

**SPILL/ LEAKAGE PROCEDURES:** AVOID BREATHING VAPORS. VENTILATE AREA AND REMOVE ALL SOURCES OF IGNITION. CLEAN UP AREA WITH ABSORBENT MATERIAL AND PLACE IN A CLOSE CONTAINER FOR DISPOSAL.

### Section 7 – Handling and Storage

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** STORE IN A COOL, WELL VENTILATED AREA. DO NOT STORE ABOVE 120 F.

**OTHER PRECAUTIONS:** DO NOT TAMPER WITH VALVE. DO NOT PUNCTURE, DO NOT SPAY IN EYES OR INGEST, READ THE PRODUCT LABEL FOR ADDITIONAL INFORMATION. KEEP AWAY FROM CHILDREN.

### Section 8 – Exposure Controls / Personal Protection

**RESPIRATORY PROTECTION:** NORMALLY NOT REQUIRED. AVOID BREATHING VAPORS. IN RESTRICTED AREAS, USE A LOCAL EXHAUST TO REMOVE VAPORS, AND MAINTAIN AIR QUALITY. IF TLV'S ARE ABOVE ACCEPTABLE LIMITS USE A SELF CONTAINED BREATHING APPARATUS.

**PROTECTIVE GLOVES:** NORMALLY NOT REQUIRED

**EYE PROTECTION:** SAFETY GLASSES WITH SIDE SPLASH SHIELDS 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:** DOES NOT APPLY

**MELTING POINT:** DOES NOT APPLY

**VAPOR DENSITY (AIR = 1):** 4.0

**EVAPORATION RATE (BUTYL ACETATE = 1) :** > 1

**APPEARANCE AND ODOR:** CLEAR SPRAY, CITRUS LIKE ODOR.

**SOLUBILITY IN WATER:** EMULSIFIES

**REACTIVITY IN WATER:** NONE

**SPECIFIC GRAVITY:** 0.84

**PERCENT VOLATILE:** 100

### Section 10 – Stability and Reactivity

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

**CONDITIONS TO AVOID:** APPLICATION TO HOT SURFACES, STORAGE ABOVE 120F. EXPOSURE TO OPEN FLAMES.

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

**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:** CONSUMER COMMODITY, ORM-D

**SHIPMENT BY WATER:** AEROSOL, 2, UN 1950, LTD QTY

**SHIPMENT BY AIR:** AEROSOLS, FLAMMABLE, 2.1, UN 1950, LTD QT.

PACKAGING INSTRUCTION Y203 APPLIES TO THESE SHIPMENTS

**WHMIS Classification:** NOT REGULATED

**Hazard Class:** COMBUSTIBLE, AEROSOL

### Section 15 – Regulatory Information

**CALIFORNIA PROPOSITION 65:** NO

**OZONE DEPLETING SUBSTANCES:** NONE

**SARA TITLE III:**

**CERCLA:** d-LIMONENE

**UN NUMBER:** UN 1950

**RCRA:** NO

**DOT SHIPPING CLASS:** NOT HAZARDOUS

**TASCA INVENTORY:** ALL INGREDIENTS LISTED

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

### 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

**NATURAL CITRUS DEGREASER, AEROSOL, ISO 16 PART MSDS**