



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

H.M.I.S.	
H -	1
F -	2
R -	0
P.P.	A

NATURAL CITRUS DEGREASER BULK

-STOCK # ('S): 53070, 53071, 53075, 53076 53077

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

MANUFACTURE: ANTI-SEIZE TECHNOLOGY
2345 N. 17th. Ave.
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24 Hr. EMERGENCY #: INFOTRAC@ 1-800-535-5053

SECTION II - COMPOSITION

	CAS #	OSHA PEL,	TLV	SARA III	PROP 65,	PERCENT
POLY (OXYETHYLENE) NONYLPHENOL	9016-45-9	N/E	N/E	NO	NO	1 - 5
ETHOXYLATED OCTYL PHENOL	9036-19-5	N/E	N/E	NO	NO	1 - 10
d-LIMONENE	5989-27-5	N/E	N/E		NO	85-95

Note: d-LIMONENE, EPA 40 CFR 302.4, CERCLA Listo of Hazardous Substances and Reportable Quantities.

SECTION III - PHYSICAL PROPERTIES

BOILING POINT: Not Established
MELTING POINT: DOES NOT APPLY
VAPOR DENSITY (AIR = 1): NOT ESTABLISHED
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: 90%

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT, METHOD: 122 F., Closed Cup
FLAMMABLE LIMITS: LEL:0.7 UEL : 6.1
EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES: CONTAINER 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 V- PHYSICAL HAZARDS

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 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: 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.

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:, DO NOT INDUCE VOMITING, . USE A GASTRIC LAVAGE, AND CALL A POISON CONTROL CENTER OR A PHYSICIAN.

INHALATION: THE SOLVENTS IN THIS PRODUCT MAY EFFECT 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 VII - SPECIAL PRECAUTIONS AND SPILL PROCEDURES

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

OTHER PRECAUTIONS: DOREAD THE PRODUCT LABEL FOR ADDITIONAL INFORMATION. KEEP AWAY FROM CHILDREN.

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..

WASTE DISPOSAL: DISPOSE OF IN A RESPONSIBLE MANNER. FOLLOW LOCAL, STATE AND FEDERAL GUIDELINES. DO NOT DISCHARGE INTO SEWERS OR WATERWAYS. REFER TO OTHER SECTIONS OF THIS MSDS FORM FOR ADDITIONAL INFORMATION

SECTION VIII - SPECIAL PROTECTION INFORMATION

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 IX - REGULATORY INFORMATION

CALIFORNIA PROPOSITION 65: NO

OZONE DEPLETING SUBSTANCES: NONE

SARA TITLE III: NO

CERCLA: YES, d-LIMONENE

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: 5/19/03

Natural Citrus Degreasr, BULK