



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

H.M.I.S.	
H -	2
F -	4
R -	0
P.P.	A

AIR TOOL CONDITIONER

STOCK # ('S):17011

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

D.O.T. SHIPPING CLASS: CONSUMER COMMODITY ORM-D, UN1950

SECTION II COMPOSITION

	CAS #	OSHA PEL,	TLV	SARA III	PROP 65,	PERCENT
BARIUM SALT	25619-56-1		0.5mg/m3	YES	NO	0.1 -0.5
PERCHLOROETHYLENE	127-18-4	25ppm	50ppm	YES	YES	9
MINERAL SPIRITS	8052-41-3	100ppm	100ppm	NO	NO	31
NAPHTHENIC OIL	NONE	5mg/m3	SAME	NO	NO	32
ISOPROPYL ALCOHOL	67-63-0	400ppm	SAME	NO	NO	9
PROPANE / ISOBUTANE	74-98-6	1000ppm	SAME	NO	NO	10

SECTION III - PHYSICAL PROPERTIES

BOILING POINT: -40 TO 500 F

MELTING POINT: DOES NOT APPLY

VAPOR PRESSURE: 30

EVAPORATION RATE: < 1

APPEARANCE AND ODOR: RED COLORED SPRAY, SOLVENT ODOR.

SOLUBILITY IN WATER: NIL

REACTIVITY IN WATER: NONE

SPECIFIC GRAVITY: 0.8

VAPOR DENSITY: HEAVIER THAN AIR

SECTION IV - FIRE AND EXPLOSION DATA

AEROSOL FLAMMABILITY: EXTREMELY FLAMMABLE

FLAMMABLE LIMITS: LEL: 1.8 UEL: 12.0

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES: WATER FOG MAY BE USED TO COOL THE CONTAINERS BUT DO NOT SPRAY DIRECTLY INTO LARGE CONTAINERS OF BURNING LIQUIDS AS FROTHING MAY OCCUR. AEROSOL CAN MAY RUPTURE, BURST, OR EXPLODE IN A FIRE. 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: DO NOT SPRAY AROUND OPEN FLAMES OR SPARKS

INCOMPARABILITY ,(MATERIALS TO AVOID): STRONG OXIDIZERS AND ACTIVE METALS

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. PHOSGENE, HALOGENS ACIDS AND SULFUR COMPOUNDS MAY FORM IN A FIRE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI - HEALTH HAZARDS AND FIRST AID

ROUTES OF ENTRY: SKIN EYES INHALATION INGESTION

HEALTH HAZARDS: THE SOLVENTS CONTAINED IN THIS PRODUCT CAN BE IRRITATING TO THE SKIN, EYES OR RESPIRATORY TRACT IF THE CONCENTRATIONS ARE HIGH ENOUGH. THIS PRODUCT IS NORMALLY USED IN SMALL QUANTITIES AND SHOULD NOT POSE AN ACUTE HEALTH REACTION. LONG TERM EXPOSURE TO HIGH CONCENTRATIONS OF THE SOLVENT COULD CAUSE LUNG, LIVER OR CENTRAL NERVOUS SYSTEM DAMAGE.

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: 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: THIS PRODUCT IS NORMALLY USED IN SMALL QUANTITIES AND IS NOT EXPECT TO POSE AN INHALATION PROBLEM. IF DIZZINESS OCCURS, SEEK FRESH AIR AND VENTILATE THE AREA TO MAINTAIN THE AIR QUALITY.

CHEMICAL (S) LISTED AS CARCINOGENS

NPT ? : YES I.A.R.C. ? : YES OSHA ? : YES

PERCHLOROETHYLENE

SECTION VII - SPECIAL PRECAUTIONS AND SPILL PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE CAN AWAY FROM FLAMES, SPARKS OR TEMPERATURES EXCEEDING 120 F. (CARS, DIRECT SUNLIGHT)

OTHER PRECAUTIONS: READ THE WARNING LABEL ON THE CAN FOR ADDITIONAL INFORMATION. DO NOT TAMPER WITH VALVE OR INCINERATE. KEEP AWAY FROM CHILDREN.

SPILL/ LEAKAGE PROCEDURES: NOT EXPECTED TO SPILL, IF CAN LEAKS, USE ABSORBENT MATERIAL TO CONTAIN. VENTILATE AREA IF SOLVENT VAPORS ARE INTENSE AND EXTINGUISH ALL SOURCES OF IGNITION..

WASTE DISPOSAL: DISPOSE OF IN A RESPONSIBLE MANNER. FOLLOW LOCAL, STATE AND FEDERAL GUIDELINES. DO NOT DISCHARGE INTO SEWERS OR WATERWAYS.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NORMALLY NOT REQUIRED. IF THIS PRODUCT IS BEING USED IN LARGE QUANTITIES AT ONE TIME, VENTILATE THE AREA OR USE A LOCAL EXHAUST 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 X - REGULATORY INFORMATION

CALIFORNIA PROPOSITION 65: PERCHLOROETHYLENE

OZONE DEPLETING SUBSTANCES: NONE

SARA TITLE III : PERCHLOROETHYLENE

CERCLA: PERCHLOROETHYLENE

RCRA: PERCHLOROETHYLENE

DOT SHIPPING CLASS: ORM-D, UN 1950

TASCA INVENTORY : ALL INGREDIENTS LISTED

N.F.P.A. RATING: H-2,F-4,R-0

SECTION IX - 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: .9/03/04

AirTool Condition