

Material Safety Data Sheet

\* 89-250-886/A\*

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: ARCAIR PROTEX EXTRA  
CATALOG NUMBERS: 53-xxx-500  
PRODUCT USE: Non-Aerosol Spray Anti-Spatter  
MANUFACTURERS NAME: TWECO Products, Inc. EMERGENCY PHONE #: (316) 946-8308  
STREET ADDRESS: 4200 West Harry St. P.O. Box 12250  
CITY: Wichita STATE: Kansas ZIP CODE: 67277  
PREPARED BY: Dennis Wilson PHONE NUMBER: (316) 946-8308  
DATE PREPARED: July 1989 DATE REVISED: January 4, 2000

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%/RANGE	CAS NUMBER	OSHA PEL	ACGIH TLV
Ethanolamine	<2	141-43-5	3 ppm	3 ppm
Nonylphenoxypolyethanol	<2	9016-45-9	N.AV.	N.AV.
Mineral Oil (Severely hydrotreated)	<8	8012-95-1	5mg/M3 (mist)	5Mg/M3 (mist)
Chlorine/Chloride	<.03/.0008	Proprietary	N.AV.	N.AV.
Inert Ingredients	Balance	---	N.AP.	N.AP.

SECTION 313.SUPPLIER INFORMATION

THIS PRODUCT DOES [ ] DOES NOT [X] CONTAIN TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372.

CAS NUMBER	CHEMICAL NAME	%
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SECTION 3 - PHYSICAL DATA

PHYSICAL STATE: Liquid SOLUBILITY: Miscible in water  
ODOR AND APPEARANCE: Slight chemical odor, pink transparent appearance  
VAPOR PRESSURE(mm Hg): N.Est. VAPOR DENSITY(air=1): N.Est  
EVAPORATION RATE(water=1): 1 BOILING POINT(F/C): 212F/100C  
FREEZING POINT(F/C): 32F/10C PH: 9.1 SPECIFIC GRAVITY: 1.003

SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY: Yes [ ] No [X] IF YES, MEANS OF EXTINCTION: N.App.  
FLASHPOINT and METHOD: None FLAMMABLE LIMIT: N.App. LEL: N.App.  
UEL: N.App. UNUSUAL FIRE AND EXPLOSION HAZARDS: Non-combustible  
N.App.: NON APPLICABLE; N.Av.: NOT AVAILABLE; N.Est.: NOT ESTABLISHED

N.F.P.A. RATING SYSTEM: 0 -INSIGNIFICANT; 1 - SLIGHT; 2 - MODERATE;  
3 - HIGH; 4 - EXTREME

Health = 1 Flammibility = 0 Reactivity = 0 Special = none  
WHMIS CLASSIFICATION: CLASS "D" DIVISION 2 SUB-DIVISION "G"

## SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY: Yes [X] No [ ] IF NO, CONDITIONS TO AVOID: N.App.  
INCOMPATIBILITY WITH OTHER SUBSTANCES: Yes [X] No [ ]  
IF YES, WHICH ONES? May neutralize some acids  
HAZARDOUS POLYMERIZATION: Will Occur [ ] Will Not Occur [X]  
CONDITIONS TO AVOID: N.App. HAZARDOUS DECOMPOSITION PRODUCTS: None

## SECTION 6 - HEALTH HAZARD DATA

ROUTE OF ENTRY: SKIN CONTACT [ ] SKIN ABSORPTION [ ] EYE CONTACT [X]  
INHALATION [X] INGESTION [X] EFFECTS OF ACUTE/CHRONIC EXPOSURE TO PRODUCT:  
Eye damage may occur if not treated. No adverse chronic effects known when  
used as recommended. TOXICITY: Ethanolamine: Oral, Rat; LD50: 2100 Mg/Kg  
CARCINOGENICITY: Not Listed SIGNS AND SYMPTOMS OF EXPOSURE: Possible  
vision irregularities if not treated. Product is not primarily a skin  
irritant, but irritation may occur if improperly used.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: May aggravate  
existing irritation and respiratory ailments.

EMERGENCY AND FIRST AID PROCEDURES EYE CONTACT: Flush immediately with  
running water, obtain medical attention for possible irritation.  
SKIN CONTACT: Wash with water. INGESTION: Dilute with water or milk.  
Do not induce vomiting, contact physician.

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

LEAK AND SPILL PROCEDURE: Thoroughly flush with water to sewer.  
WASTE DISPOSAL METHOD: After use: (1) Ultra-filtration for sewer  
disposal; (2) incineration; (3) landfill.  
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid contact with eyes or  
prolonged contact with skin. Prevent freezing. OTHER PRECAUTIONS: N.App.

## SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: Product not volatile - normal welding protection  
sufficient. GLOVES: Waterproof RESPIRATOR: N.App. EYE: Safety  
glasses, shield or goggles FOOTWEAR: Effective metal working - welding -  
cutting apparel as appropriate CLOTHING: See "Footwear"  
OTHER: See "Footwear" VENTILATION: Maintain below ACGIH TLV  
LOCAL EXHAUST: As appropriate SPECIAL: N.AP. MECHANICAL: General  
OTHER: N.App. WORK/HYGIENIC PRACTICES: Good personal hygiene should  
always be followed.

THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES. THIS IS NEITHER AN  
EXPRESSED NOR IMPLIED PRODUCT SPECIFICATION. RECOMMENDED HANDLING PROCEDURES  
AND HYGIENE ARE BELIEVED TO BE ACCURATE, HOWEVER, THESE RECOMMENDATIONS SHOULD  
BE REVIEWED IN THE SPECIFIC CONTEXT OF INTENDED USE AND DETERMINED APPROPRIATE  
BY THE USER.