

Material Safety Data Sheet  
\*89-250-949\*

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: ARCAIR PROTEX Coolant  
CATALOG NUMBERS: 57-016-100, 57-056-100  
PRODUCT USE: Anti-freeze and lubricant  
MANUFACTURERS NAME: Dynaflux Inc. EMERGENCY PHONE #: (800) 255-3924  
STREET ADDRESS: 241 Brown Farm Road  
CITY: Cartersville STATE: Georgia ZIP CODE: 30120  
DISTRIBUTORS NAME: TWECO Products, Inc. EMERGENCY PHONE #: (940)566-2000  
STREET ADDRESS: 2800 Airport Road  
CITY: Denton STATE: Texas ZIP CODE: 76207  
PREPARED BY: Terry Fulks PHONE NUMBER: (940)566-2000  
DATE PREPARED: March 4, 1992 DATE REVISED: January 31, 2007

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%/RANGE	CAS NUMBER	OSHA PEL	ACGIH TLV
Ethylene Glycol	<50	107-21-1	none	50ppm

SECTION 313. SUPPLIER INFORMATION

THIS PRODUCT DOES  DOES NOT  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	%
107-21-1	Ethylene Glycol	<50

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE: Liquid ODOR AND APPEARANCE: Off White, Hazy  
VAPOR PRESSURE(mm Hg): <1 VAPOR DENSITY(air=1): N.Av.  
EVAPORATION RATE(Butyl Acetate=0): <1 BOILING POINT(F/C): 230øF  
FREEZING POINT(F/C): N.Av. pH: N.Av. SPECIFIC GRAVITY: 1.07  
SOLUBILITY: 100%

SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY: Yes  No  IF YES, MEANS OF EXTINCTION: N.App.  
FLASHPOINT(F/C) AND METHOD: N.Av. FLAMMABLE LIMIT: N.Av.  
LEL: N.Av. UEL: N.Av. UNUSUAL FIRE AND EXPLOSION HAZARDS: \*Use water fog. Do not spray pool fires directly. Use self contained breathing apparatus\*

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 = 1 Self-Reactiivity = 0 Special = none

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY: Yes  No  IF NO, CONDITIONS TO AVOID: N. App.  
INCOMPATIBILITY WITH OTHER SUBSTANCES: Yes  No  IF YES, WHICH ONES?  
Strong oxidizers, Chromium trioxide, Potassium permanganate, Sodium peroxide  
HAZARDOUS POLYMERIZATION: Will Occur  Will Not Occur  CONDITIONS TO AVOID: N.App. HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon

## SECTION 6 - HEALTH HAZARD DATA

ROUTE OF ENTRY: SKIN CONTACT [ ] SKIN ABSORPTION [X] EYE CONTACT [X]  
INHALATION [ ] INGESTION [ ]

EFFECTS OF ACUTE/CHRONIC EXPOSURE TO PRODUCT: N.Av. CARCINOGENICITY: No  
SIGNS AND SYMPTOMS OF EXPOSURE: Gastrointestinal irritation, nausea,  
vomiting and diarrhea MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:  
Nasal, skin and respiratory irritations EMERGENCY AND FIRST AID PROCEDURES:  
EYES: Flush with large amounts of water, lift upper and lower lids  
occasionally. Get medical attention. SKIN: Wash exposed area with soap  
and water INGESTION: Drink two glasses of milk, get medical attention.  
INHALATION: Remove to fresh air, keep person quiet, get medical attention.

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

LEAK AND SPILL PROCEDURE: Absorb on paper, vermiculate, floor absorbant  
WASTE DISPOSAL METHOD: In accordance with local, state and federal regulations  
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep container closed when  
not in use. OTHER PRECAUTIONS: Dispose of large spills by liquid incineration  
in accordance with local, state and federal regulations

## SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: Not normally required GLOVES: Nitrile rubber  
RESPIRATOR: Not normally required EYE: Splash goggles  
FOOTWEAR: Impervious boots CLOTHING: Rubber apron recommended OTHER: None  
VENTILATION: Sufficient to maintain levels below recommended TLVs.  
WORK/HYGIENIC PRACTICES: Wash with soap and water after handling.

## REFERENCES:

"Chemical Guide To OSHA Hazard Communication Standard" First Edition  
"Handbook Of Toxic And Hazardous Chemicals and Carcinogens" Second Edition  
"Registry Of Toxic Effects Of Chemical Substances"  
"NIOSH "Pocket Guide to Chemical Hazards" June, 1994

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.