SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: ARCAIR PROTEX ALCLEAN
CATALOG NUMBERS: 57-021-200, 57-014-000, 57-055-000
PRODUCT USE: Aluminum Cleaner and Deoxidizer
MANUFACTURERS NAME: Dynaflux, Inc.       EMERGENCY PHONE #: 800-334-4420
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: June 1989                 DATE REVISED: January 1, 2010
DOT Hazard Classification: Corrosive Liquid NOS, 8, UN1760,III

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS    %/RANGE    CAS NUMBER    OSHA PEL    ACGIH TLV
Phosphoric Acid       9 - 9.6     7664-38-2     1 mg/M3     1 mg/M3
Ammonium Bifluoride     1 - 5       1341-49-7      N.Est.      N.Est.
Inert            Balance        ---          ---          ---

SECTION 313. SUPPLIER INFORMATION

THIS PRODUCT DOES [X] DOES NOT [ ] CONTAIN TOXIC CHEMICALS SUBJECT TO THE
REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND

<table>
<thead>
<tr>
<th>CAS NUMBER</th>
<th>CHEMICAL NAME</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>7664-38-2</td>
<td>Phosphoric Acid</td>
<td>&lt;10</td>
</tr>
</tbody>
</table>

THIS INFORMATION MUST BE INCLUDED IN ALL MSDSs THAT ARE COPIED AND
DISTRIBUTED FOR THIS PRODUCT.

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE: Liquid     ODOR AND APPEARANCE: Solvent/acidic, blue Liquid
VAPOR PRESSURE(mm Hg): 17     VAPOR DENSITY(air=1): N.Av.   EVAPORATION RATE: water
BOILING POINT(F/C): 212F/100C   FREEZING POINT(F/C): 13F/-10C   pH: 2.5
SPECIFIC GRAVITY: 1.139      SOLUBILITY: Soluble

SECTION 4 - FIRE AND EXPLOSION DATA

FLASHPOINT(F/C) and METHOD: Beyond COC limits     FLAMMABLE LIMIT: N.App.
LEL: N.App.     UEL: N.App.     UNUSUAL FIRE AND EXPLOSION HAZARDS: None

N.App.:  NON APPLICABLE;  N.Av.: NOT AVAILABLE;  N.Est.: NOT ESTABLISHED
N.P.P.A. RATING SYSTEM: 0 - INCIGNIFICANT; 1 - SLIGHT; 2 - MODERATE;
3 - HIGH; 4 - EXTREME
Health = 2     Flammability = 0     Self-Reactivity = 1     Special = none
WHMIS CLASSIFICATION: CLASS "E"
SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY: Yes [X] No [ ]  
INCOMPATIBILITY WITH OTHER SUBSTANCES: Yes [ ] No [X]  
Alkaline material neutralizes  
HAZARDOUS POLYMERIZATION: Will Occur [ ]  
Will Not Occur [X]  
HAZARDOUS DECOMPOSITION PRODUCTS: None known

SECTION 6 - HEALTH HAZARD DATA

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

EFFECTS OF ACUTE/CHRONIC EXPOSURE TO PRODUCT: Unknown/unknown -- see first aid below  
TOXICITY: PHOSPHORIC ACID: Oral, Rat; LD50: 1530 Mg/Kg  
CARCINOGENICITY: Not Listed  
SIGNS AND SYMPTOMS OF EXPOSURE: Ingestion harmful by reason of acid burns and fluoride poisoning  
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Unknown  
EMERGENCY AND FIRST AID PROCEDURES: 1. INHALATION: Remove to fresh air;  
2. EYES: Flush immediately with water - CONTACT PHYSICIAN;  
3. SKIN: Wash immediately with soap and water. Contact physician if irritation persists;  
4. INGESTION: DO NOT INDUCE VOMITING! Drink large amounts of milk or antacids - CONTACT PHYSICIAN!

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

LEAK AND SPILL PROCEDURE: Contain and avoid contact. Absorb in approved medium. Neutralize with bicarbonate. Flush area with water.  
WASTE DISPOSAL METHOD: Dispose of in accordance with regulations for inorganic wastes  
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in acid resistant containers away from caustic materials  
OTHER PRECAUTIONS: KEEP AWAY FROM CHILDREN!!!

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: N.App. if used in open (non contained) areas. In enclosed areas, use supplied air, continuous flow respirator for exposures from 25 to 49mg/m3, above 49mg/m3, use positive pressure self contained breathing apparatus.  
GLOVES: Rubber  
RESPIRATOR: See above  
EYE: Chemical Goggles  
VENTILATION: Local Mechanical exhaust to maintain below ACGIH TLV.  
SPECIAL: N.AP.  
WORK/HYGIENIC PRACTICES: Avoid contaminating food and smoking material by routine hygiene

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.