View NSN Online: https://aerobasegroup.com/nsn/6810-00-134-6220

Product ID:O-PHOSPHORIC ACID, A-242

MSDS Date:09/15/1988

FSC:6810

NIIN:00-134-6220

MSDS Number: BQVNS === Responsible Party ===

Company Name: E-C APPARATUS CORP

Address:3831 TYRONE BLVD N

City:ST PETERSBURG

State:FL ZIP:33709 Country:US

Info Phone Num:813-344-1644

Emergency Phone Num:813-344-1644

CAGE:23605

=== Contractor Identification ===

Company Name: E-C APPARATUS CORP

Address:3831 TYRONE BLVD N Box:City:SAINT PETERSBURG

State:FL

ZIP:33709-4121 Country:US

Phone:813-344-1644

CAGE:23605

======= Composition/Information on Ingredients ========

Ingred Name:PHOSPHORIC ACID (SARA III)

CAS:7664-38-2

RTECS #:TB6300000 Fraction by Wt: 85%

OSHA PEL:1 MG/M3;3 STEL ACGIH TLV:1 MG/M3;3 STEL

EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 15%

Ingred Name:SUPP DATA: APPLY FROM AS FAR A DISTANCE AS POSS. AVOID BRTHG CORR VAPS. KEEP UPWIND (BUREAU OF EXPLO, EMERGENCY (ING 4) RTECS #:9999992Z

Ingred Name:ING 3:HANDLING OF HAZARDOUS MATERIALS IN SURFACE TRANSPORTATION, 1981).

RTECS #:9999999ZZ

Ingred Name: EXPLO HAZ: MAY CAUSE POLLUTION. RTECS #:9999999ZZ

Ingred Name: CNDTNS (STAB): COMBUSTIBLES (WOOD, PAPER, OIL, ETC).
DECOMPOSE W/HEATING TO FORM TOXIC PHOSPHOROUS OXIDE GASES.
RTECS #:9999992Z

Ingred

Name:MATLS TO AVOID:HYDROGEN.PARTICULARLY CORR TO SKIN IN PRESENCE OF MOISTURE/WATER. DECOMPOSES INTO TOX OXIDES OF (ING 8) RTECS #:9999992Z

Ingred Name:ING 7:PHOSPHOROUS AT TEMP >300C.REACTS W/CHLORIDE CAUSING CORR GASES OF HYDROGN TO BE EMITTED, CREATING A (ING 9) RTECS #:9999999ZZ

Ingred Name:ING 8:POTENTIAL EXPLO HAZ.WHEN ADDED TO NITROMETHANE MAY RENDER IT SUSCEPTIBLE TO INITIATION BY DETONATION. (ING 10) RTECS #:9999992Z

Ingred Name:ING 9:SODIUM TETRAHYDROBORATE & SODIUM C
MPNDS REACT

GENERATING HEAT & MAY BE DANGEROUSLY VIOLENT W/RAPID MIXING.(ING 11)

RTECS #:9999999ZZ

Ingred Name: ING 10: MILDLY CORROSIVE TO METALS. RTECS #:9999992Z

Ingred Name:HLTH HAZ:OR YELLOWISH STAINS MAY BE FOUND AROUND MOUTH, ASPHYXIA OCCURS FROM EDEMA OF GLOTTIS. CHRONIC:INHAL:(ING 13) RTECS #:9999992Z

Ingred Name:ING 12:PRLNGD/RPTD EXPOS MAY CAUSE EROSION OF TEETH FOLLOWED BY JAW NECROSIS. BRONCHIAL IRRIT W/CHRNIC COUGH & (ING 14) RTECS #:9999999ZZ

Ingred Name: ING 1

- 3: FREQUENT ATTACKS OF BRONCHIAL PNEUMONIA ARE COMMON.
 GI DISTURBANCES ARE ALSO NOTED. SKIN: PRLNGD CONT W/(ING 15)
 RTECS #:9999992Z
- Ingred Name:ING 14: SUBSTANCE MAY CAUSE DERM. EYE: PROLONGED CONTACT MAY CAUSE CONJUCTIVITIS & CORNEAL DISTRUCTION.
 RTECS #:9999992Z
- Ingred Name:FIRST AID PROC:CHEM BURNS, COVER AREA W/STERILE, DRY DRESSING. BANDAGE SECURELY BUT NOT TOO TIGHTLY.GET MD ATTN.(ING 17) RTECS #:9999992Z
- Ingred Name: ING 16: (DREISBACH, HANDBOOK OF POISONING, 11TH FD.
-).EYE:WASH IMMED W/LG AMTS OF WATER, OCCASIONALLY LIFTING LIDS(ING 18)

RTECS #:9999999ZZ

Other REC Limits: NONE SPECIFIED

Ingred Name:ING 17:UNTIL NO EVID OF CHEM REMAINS (APPROX 15-20 MIN).IN PRESENCE OF CHEM BURNS, APPLY STERILE BANDAGES (ING 19) RTECS #:9999992Z

Ingred Name:ING 18:LOOSELY W/OUT MEDICATION. GET MED ATTN. (DREISBACH, HANDBOOK OF POISONING, 11TH ED.).INGEST:IF CONSCIOUS,(ING 20) RTECS #:9999992Z

Ingred Name:ING 19:IMMED GIVE 2 TO FOUR GLASSES OF WATER & INDUCE VO MIT

BY TOUCHING FINGER TO BACK OF THROAT. GET MED ATTN IMMED. RTECS #:9999992Z

Ingred Name:SPILL PROC:LGR SPILLS:DIKE FAR AHEAD OF SPILL FOR LATER DISP.KEEP UNNEC PEOPLY AWAY.ISOLATE HAZ AREA & DENY (ING 22) RTECS #:9999992Z

Ingred Name:ING 21:ENTRY. FOR MORE SPECIFIC DISPOSAL PROCEDURES CONTACT NEHC.

RTECS #:9999999ZZ

Ingred Name:RESP: SUPPLIED-AIR RESP WITH A FULL FACE-PIECE, HELMET OR HOOD OPERATED IN CONTINUOUS FLOW-MODE.

RTECS #:9999999ZZ

====== Hazards

1 -1 1:4: 1:	

LD50 LC50 Mixture:LD50: (ORAL, RAT) 1530 MG/KG. Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:INHAL:CORR.MAY CAUSE SHORTNESS OF BRTH, PULM EDEMA W/FROTHY SPUTUM, SORE THROAT, COUGHING, CHOKING, HDCH, DIZZ, WEAKNESS, CYANOSIS, HYPOTENSION & RAPID PULSE.SERIOUS CASES MAY BE FATAL.SKIN:CO RR.PAIN, BROWN/YELLOWISH STAINS ON SKIN& BURNS WHICH

USUALLY PENETRATE FULL THICKNESS OF SKIN. (EFTS OF OVEREXPOS)

Explanation of Carcinogenicity: NOT RELEVANT

Effects of Overexposure:HLTH HAZ:EYES:CORR. REDNESS, PAIN, BLURRED VISION, CONJUCTIVAL DESTRUCTION, CORNEAL DESTRUCTION, TEARING & INCREASED SENSITIVITY TO LIGHT.INGEST:CORR. HIGH DOSES MAY CAUSE SORE THROAT, ABDOM PAIN, BUR NING IN MOUTH & PHARYNX FOLLOWED BY VOMIT & DIARR OF DARK PRECIPITATED BLOOD. IMMED HYPOTENSION & BROWN (ING 12)

Medical Cond Aggravated by Expos ure:NONE SPECIFIED BY MANUFACTURER.

=======================================	First Aid Massuras	
	FIISLAIU WEASULES	

First Aid:INHAL:MOVE FROM EXPOS AREA TO FRESH AIR IMMED.IF BRTHG HAS STOPPED, GIVE ARTF RESP.MAINTAIN AIRWAY & BLOOD PRESS & ADMIN OXYGEN IF AVAIL.KEEP AFFECTED PERS WARM & AT REST.GET MD ATTN.(DREISBACH, HANDB OOK OF POISONING, 11TH ED.).SKIN:REMOVECONTAMD CLTHG & SHOES IMMED.WASH AFFECTED AREA W/SOAP/MILD DETERGENT & LG AMTS OF WATER (APROX 15-20 MIN) UNTIL NO EVID

OF CHEM REMAINS.IN CASE OF (ING 16)

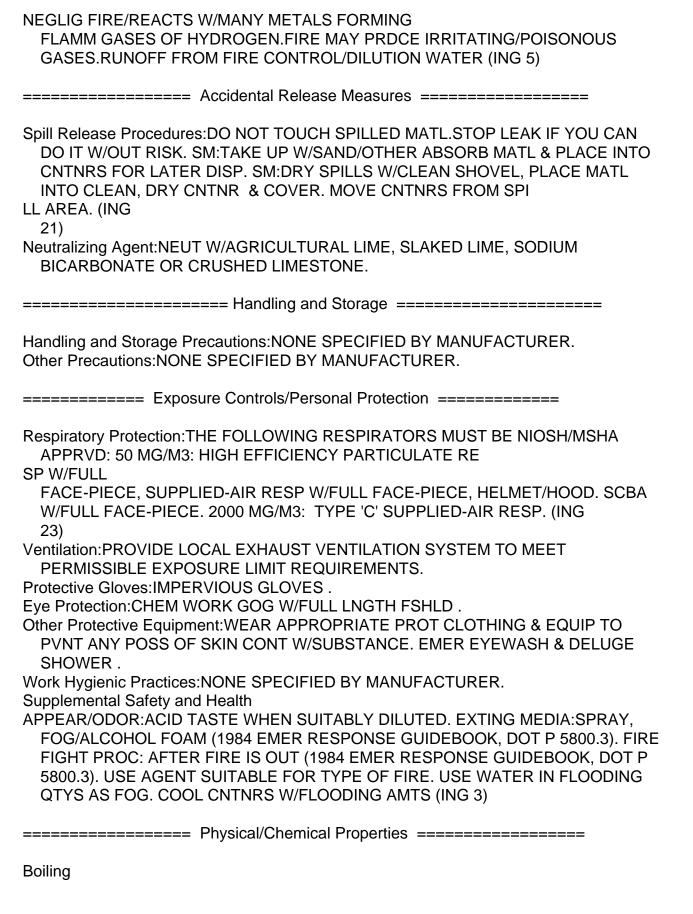
	Fire Fight	ing Measures	=======================================
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Flash Point: NON-FLAMMABLE

Extinguishing Media:DRY CHEM, CARBON DIOXIDE, WATER SPRAY/FOAM (1984 EMER RESPONSE GUIDEBOOK, DOT P 5800.3). LGR FIRES: USE WATER(SUPP DATA

Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP
. MOVE CNTNRS FROM FIRE AREA IF POSS. COOL CNTNRS EXPOSED TO FLAMES
W/WATER FROM SIDE UNTIL WELL (SUPP DATA)

Unusual Fire/Explosion Hazard:



Pt:B.P. Text:266F,130C Melt/Freeze Pt:M.P/F.P Text:52.0F,11.1C Spec Gravity:1,8 pH:ACIDIC Solubility in Water:MISCIBLE Appearance and Odor:ODORLESS, COLORLESS SPARKLING LIQ, VISCOUS AT CONC >85%, PLEASING (SUPP DATA) ======== Stability and Reactivity Data ===========

Stability Indicator/Materials to Avoid:YES

STRONG ACID THAT REACTS VIOLENTLY W/BASES & IS VERY CORR. ATTACKS MANY METALS FORMING COMBUST & CORR GASES OF (ING 7)

Stability Condition to Avoid: MAY BURN BUT D

OES NOT IGNITE READILY.

FLAMM, POISONOUS GASES MAY ACCUMULATE IN TANKS & HOPPER CARS.MAY **IGNITE (ING 6)**

Hazardous Decomposition Products: DECOMPOSES AT TEMPERTURE ABOVE 300C, FORMING TOXIC OXIDES OF PHOSPHOROUS.

======= Disposal Considerations ============

Waste Disposal Methods:DISPOSE OF I/A/W FEDERAL, STATE AND LOCAL **REGULATIONS.**

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