

RANDOLPH PRODUCTS CO. -- ACID DILUENT -- 8030-00-165-8577

=====
Product Identification
=====

Product ID:ACID DILUENT
MSDS Date:02/21/1985
FSC:8030
NIIN:00-165-8577
Kit Part:Y
MSDS Number: BDDYZ
=== Responsible Party ===
Company Name:RANDOLPH PRODUCTS CO.
Address:92 N 12TH ST
City:CARLSTADT
State:NJ
ZIP:07072
Country:US
Info Phone Num:(201)438-3700
Emergency Phone Num:(201)438-3700
CAGE:77672

=====
Contractor Identification ====
Company Name:RANDOLPH PRODUCTS CO
Address:701 12TH ST
Box:830
City:CARLSTADT
State:NJ
ZIP:07072-0830
Country:US
Phone:201-438-3700
CAGE:77672

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

Ingred Name:PHOSPHORIC ACID (SARA III)
CAS:7664-38-2
RTECS #:TB6300000
Fraction by Wt: 10-20%
OSHA PEL:1 MG/M3/3 STEL
ACGIH TLV:1 MG/M3/3 STEL; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT

8050000

Fraction by Wt: 70-80%

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

=====
===== Hazards Identification =====

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SOLVENT VAPORS MAY CAUSE
DROWSINESS,HEADACHE,DIZZINESS,AND IRRITATION OF EYES,NOSE AND
THROAT.

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:RESPIRATORY SYSTEM AILMENTS.

=====
===== First Aid Measure

s =====

First Aid:EYES:FLUSH WITH LOTS OF WATER FOR 15 MINUTES;SKIN:REMOVE
CONTAMINATED CLOTHING,FLUSH WITH SOAP & WATER;INHALATION:REMOVE TO
FRESH AIR,GIVE O*2/CPR IF NECESSARY;INGESTION:DRINK MILK OF
MAGNESIA & LOTS OF WATER.SEE DOCTOR IMMEDIATELY.

=====
===== Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:55F,12.8C

Lower Limits:2.0

Extinguishing Media:SAND,FOAM,CO*2,CHEMICAL TYPES

Fire Fighting Procedures:AVOID BR

EATHING VAPORS OR FUMES.USE SCBA FOR

ENCLOSED AREAS.COOL FIRE EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard:CONTAINER MAY EXPLODE IF EXPOSED TO HEAT.

=====
===== Accidental Release Measures =====

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION,WEAR APPROVED
RESPIRATOR,CONTAIN SPILL WITH INERT SUBSTANCE (SAND,DIRT),PUT
MIXTURE IN CONTAINERS FOR DISPOSAL.KEEP SPILL OUT OF SEWERS AND
OPEN BODIES OF WATER.

Neutralizing Agent:5% SODIUM BI

CARBONATE SOLUTION.

===== Handling and Storage =====

Handling and Storage Precautions:GROUND CONTAINERS AND EQUIPMENT.EMPTY CONTAINERS ARE HAZARDOUS,DO NOT CUT OR WELD.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:WEAR APPROVED NIOSH/MSHA RESPIRATOR WHEN VAPOR CONCENTRATIONS ARE ENCOUNTERED.

Ventilation:EXPLOSION PROOF EXHAUST VENTILATION AT POINT OF CONTAMINANT RELEASE.

Protective Gloves:NEOPRENE

Ey

e Protection:GOGGLES

Other Protective Equipment:COVERALLS AND BOOTS

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

Boiling Pt:B.P. Text:171F,78C

Vapor Pres:35/ALCOHOL

Vapor Density:>1

Spec Gravity:0.92

pH:LOW

Evaporation Rate & Reference: