

RANDOLPH PRODUCTS CO. -- ACID DILUENT -- 8030-00-281-2726

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Product Identification  
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Product ID:ACID DILUENT  
MSDS Date:02/21/1985  
FSC:8030  
NIIN:00-281-2726  
Kit Part:Y  
MSDS Number: BDSTN  
=== 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

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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

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Composition/Information on Ingredients  
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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

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===== 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.

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===== First Aid Measures =====

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.

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===== 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 BRE

ATHING 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.

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===== 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 BIC

# ARBONATE 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

Eye

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: