

E.I. DUPONT DE NEMOURS & CO, INC -- SULFURIC ACID 66 DEG BAUME',WW,BQ --  
6810-00-264-6723

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

Product ID:SULFURIC ACID 66 DEG BAUME',WW,BQ

MSDS Date:01/01/1985

FSC:6810

NIIN:00-264-6723

MSDS Number: BDQWH

=== Responsible Party ===

Company Name:E.I. DUPONT DE NEMOURS & CO, INC

Address:1007 MARKET STREET

Box:1635

City:WILMINGTON

State:DE

ZIP:19899

Country:US

Info Phon

e Num:800-441-7515

Emergency Phone Num:800-441-7515

CAGE:19898

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:E.I. DUPONT DE NEMOURS & CO

Address:1007 MARKET STREET

Box:City:WILMINGTON

State:DE

ZIP:19898

Country:US

Phone:800-441-7515;800-441-9442

CAGE:18873

Company Name:E.I. DUPONT DE NEMOURS & CO., INC.

Box:1635

CAGE:19898

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Composition/Information on Ingredients =====

Ingred Name:SULFURIC ACID (SARA III)  
CAS:7664-93-9  
RTECS #:WS5600000  
Fraction by Wt: 93.2%  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Effects of Overexposure:IRRITATING TO EYES, NOSE, AND THROAT. SEVERE  
BURNS TO THESE TISSUES. RESPIRATORY BURNS FROM INHALATION.

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

First Aid:SKIN AND EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15  
MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. CALL A DOCTOR.  
INHALATION: REMOVE PERSON TO FRESH AIR. GET PROMPT MEDICAL  
ATTENTION. INGESTION: IF CONSCIOUS HAVE VICTIM DRINK WATER OR  
MILK.

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

Extinguishing Media:DRY CHEMICAL  
Fire Fighting Procedures:WEAR CHEMICAL PROTECTIVE SUIT WITH SELF  
CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:THE ACID REACTS WITH MOST METALS TO GIVE  
FLAMMABLE HYDROGEN GAS. MAY CAUSE FIRE ON CONTACT WITH  
COMBUSTIBLES.

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

Spill Release Procedures:DO NOT GET WATER INSIDE CONTAINER. DO NOT  
TOUCH SPOILED MATERIAL. STOP LEAK IF YOU CAN WITHOUT RISK. USE  
WATER SPRAY TO REDUCE VAPORS BUT DO NOT PUT WATER

ON LEAK AREA.

COVER WITH SODIUM CARBONATE OR A MIXTURE OF SODA ASH AND SLAKED LIME BY STIRRING.

Neutralizing Agent:SODA ASH

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

Handling and Storage Precautions:PROTECT AGAINST PHYSICAL DAMAGE.

PREVENT CONTACT WITH WATER. SEPARATE FROM CARBIDES, CHLORATES, FULMINATES, PICRATES, POWDERED METALS, COMBUSTIBLES

Other Precautions:REACTS VIOLENTLY WITH WATER ACCOMPANIED BY EVOLUTION OF HEAT. SULFURIC ACID ATTACKS MANY METALS RELEASING FLAMMABLE HYDROGEN GAS.

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

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS FOR EMERGENCIES.

Ventilation:MAINTAIN ADEQUATE VENTILATION.

Protective Gloves:RUBBER

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:SAFETY SHOWER, EYEWASH FOUNTAIN, FACE SHIELD, SAFETY SHOES, PROTECTIVE CLOTHING

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

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

HCC:C1

Boiling Pt:B.P. Text:535F,279C

Spec Gravity:1.835

Evaporation Rate & Reference:< 1 (BUTYL ACETATE = 1)

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS TO BROWNISH OILY LIQUID WITH NO ODOR.

Percent Volatiles by Volume:0

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG REDUCING AGENTS, POWDERED METALS, COMPUSTIBLES, NITRATES

Stability

Condition to Avoid:HIGH HEAT, MOISTURE

Hazardous Decomposition Products:OXIDES OF SULFUR, HYDROGEN SULFIDE,  
HYDROGEN GAS

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

Waste Disposal Methods:FLUSH WITH WATER. NEUTRALIIZE WASHINGS WITH LIME  
OR SODA ASH. FLUSH TO AN APPROVED DISPOSAL AREA. TAKE CARE NOT TO  
GET WATER IN SULFURIC ACID STORAGE AS VIOLENT REACTION WILL OCCOR.

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