

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 Phone
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

N 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

===== 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, COMBUSTIBLES, 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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