

DU PONT E I DE NEMOURS & CO INC -- CC 0036 -- 6810-00-368-7991

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Product Identification
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Product ID:CC 0036

MSDS Date:05/31/1995

FSC:6810

NIIN:00-368-7991

MSDS Number: BXSBBW

=== Responsible Party ===

Company Name:DU PONT E I DE NEMOURS & CO INC

Address:1007 MARKET STREET

City:WILMINGTON

State:DE

ZIP:19898

Country:US

Info Phone Num:800-441-7515/302-999-4946

Emergency Phone Num:800-441-3

637/800-424-9300(CHEMTREC)

CAGE:18873

=== Contractor Identification ===

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:ENVIROTROL INC (504-736-9041)

Box:UNKNOW

CAGE:03JX8

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Composition/Information on Ingredients
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Ingred Name:SULFURIC ACID (SARA 302/313) (CERCLA)

CAS:7664-93-9

RTECS #:WS5600000

Fraction by Wt: 78- 100%

Other REC Limits:NONE RE

COMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3/3 STEL; 9495
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 0 - 22%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NOT RELEVANT
ACGIH TLV:NOT RELEVANT

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

LD50 LC50 Mixture:RAT,LC50:510MG/M3/2H;LD50:2140MG/KGRTECS
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health
Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, RESPIRATORY &
GI TRACTS. ACUTE- CORROSIVE! CAUSES SEVERE EYES & SKIN BURNS. MIST
IS EXTREMELY IRRITATING TO RESPIRATORY TRACT. CONTACT WITH EYES MAY
RESULT IN BLINDNESS. SWALL OWING MAY BE FATAL. INHALATION MAY
DAMAGE RESPIRATORY TRACT. CHRONIC- MAY CAUSE DENTAL EROSION,
DERMATITIS, BRONCHITIS.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:SEVERE IRRITATION AND BURNING, VISUAL
IMPAIRMENT, DENTAL EROSION, COU
GH, POSSIBLE CHARRING OF SKIN,
SEVERE PAIN, BLINDNESS, WHEEZING, ABNORMAL LUNG SOUNDS, BLUISH
DISCOLORATION OF SKIN, SKIN ULCER, IT CHING AND RASH, BLEEDING,
VOMITING, DIARRHEA AND COLLAPSE OF BLOOD PRESSURE
Medical Cond Aggravated by Exposure:OPEN WOUNDS AND SORES, RESPIRATORY
AILMENTS SUCH AS EMPHYSEMA AND BRONCHITIS

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

First Aid:GET MEDICAL ATTENTION IMMEDIATELY. EYE/SKIN:IMMEDIATELY FLUSH
WITH WATER FOR

15-20 MINUTES. HOLD EYELIDS OPEN. CONTINUE RINSING EYES WITH NORMAL SALINE UNTIL PH=7. INHALED:REMOVE TO FRESH AIR. PROVIDE OXYGEN/CPR IF NEEDED. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK LARGE AMOUNT OF WATER/MILK. INGESTED ACID MUST BE DILUTED ABOUT 100 FOLDS. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS.

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

Flash Point:NONE

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL. COOL

FIRE EXPOSED CONTAINERS WITH WATER. NO WATER OVER ACID.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:VIOLENT REACTION WITH WATER. EVOLUTION OF EXPLOSIVE HYDROGEN GAS ON CONTACT WITH MOST METALS. WILL REACT WITH ORGANIC MATERIAL YIELDING HEAT & DENSE WHITE FUMES

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

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Spill Release Procedures:WEAR PROTECTIVE EQUIPMENTS. REMOVE IGNITION SOURCES(H₂ MAY BE PRESENT). KEEP COMBUSTIBLES AWAY. STOP LEAK IF POSSIBLE. VENTILATE & NEUTRALIZE WITH SODA ASH/LIME. ABSORB WITH INERT MATERIAL. SCOOP INTO DRUM. DO NOT GET WATER INSIDE CONTAINER/ON SPILL.

Neutralizing Agent:SUITABLE ALKALI SUCH AS LIME OR SODA ASH

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

Handling and Storage Precautions:STORE IN TIGHTLY CLOSED CONTAINER,

AWAY FROM INCOMPATIBLE MATERIALS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:WHEN DILUTING, SLOWLY ADD ACID TO WATER WHILE STIRRING, TO AVOID SPATTERING, BOILING AND ERUPTION. DO NOT STRIKE CONTAINERS OR FITTINGS WITH TOOLS. STORE AWAY FROM SOURCES OF IGNITION. EMPTIED CONTAINER WILL RETAIN PRODUCT RESIDUE.

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

Respiratory Protection:USE NIOSH APPROVED, FULL-FACED RESPIRATOR WITH CANISTER APPROVED FOR SULFUR

IC ACID VAPOR & MIST IF TLV EXCEEDED.

IF CONCENTRATIONS ARE HIGH/UNKNOWN, USE SELF-CONTAINED BREATHING APPARATUS.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS.

Protective Gloves:RUBBER

Eye Protection:SPLASH-PROOF CHEMICAL SAFETY GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING, RUBBER FOOTWEAR, ACID RESISTANT HOOD AND FULL BODY SUIT RECOMMENDED, SAFETY SHOWER, EYEWASH.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND

RECOMMENDED PROCEDURES.

Supplemental Safety and Health

ECOLOGICAL INFORMATION. AQUATIC TOXICITY: SLIGHTLY TO MODERATELY TOXIC.

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

HCC:C1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:379F - 621F

Melt/Freeze Pt:M.P/F.P Text:-31F - 52F

Vapor Pres: