

OCTAGON PROCESS INC. -- O-S-801C,CLASS 3;SULFURIC ACID,ELECTR GRADE --
6810-00-249-9354

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Product Identification
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Product ID:O-S-801C,CLASS 3;SULFURIC ACID,ELECTR GRADE

MSDS Date:09/21/1984

FSC:6810

NIIN:00-249-9354

MSDS Number: BDNSL

=== Responsible Party ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020-1105

Info Phone Num:201-945-9400

Emerg

ency Phone Num:201-945-9400

Preparer's Name:IRIS CHARMS

CAGE:82925

=== Contractor Identification ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

Box:City:EDGEWATER

State:NJ

ZIP:07020

Country:US

Phone:201-945-9400

CAGE:82925

Company Name:PRIORITY CHEMICAL CO

Address:200 MADISON AVE SUITE 1904

Box:City:NEW YORK

State:NY

ZIP:10016

Country:US

Phone:201-345-0991

CAGE:49859

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Composition/Information on Ingredients
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Ingred Name:SULFURIC ACID (SARA III)

CAS:766

4-93-9
RTECS #:WS5600000
Fraction by Wt: 36.9%
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: BALANCE

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Effects of Overexposure:SKIN AND EYES: SEVERE BURNS. INHALATION:
PULMONARY EDEMA, INJURY TO LUNGS. INGESTION: GA
STROINTESTINAL TRACT
DAMAGE OR DEATH.
Medical Cond Aggravated by Exposure:NONE NOTED.

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

First Aid:EYES: IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15
MINUTES. SEE DOCTOR IMMEDIATELY. SKIN: REMOVE CONTAMINATED
CLOTHING. WASH WITH SOAP AND WATER. SEE DOCTOR IMMEDIATELY.
INHALATION: GET FRESH AIR . GIVE OXYGEN/CPR IF NEEDED. SEE DOCTOR.
INGESTION: DRINK LARGE AMOUNTS OF WATER, MILK OR MILK OF MAGNESIA
|
F CONSCIOUS. NOTHING BY MOUTH IF UNCONSCIOUS. DO NOT INDUCE
VOMITING. SEE DOCTOR IMMEDIATELY

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

Flash Point:NONE
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER SPRAY.
Fire Fighting Procedures:KEEP FIRE EXPOSED CONTAINERS COOL WITH WATER
SPRAY. DO NOT PERMIT WATER TO CONTACT ACID.
Unusual Fire/Explosion Hazard:MAY CAUSE FIRE WHEN IN CONTACT WITH OTHER
ORGANIC MATERIALS. WILL ATTACK SOME METALS RELEASING

HYDROGEN GAS.

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

Spill Release Procedures:ZONE OFF CONTAMINATED AREA. NEUTRALIZE TO PH 6-8 WITH SODA ASH. FLUSH AREA UPWIND SIDE WITH WATER FROM SAFE DISTANCE TO SEWER. WEAR PROTECTIVE CLOTHING.

Neutralizing Agent:SODA ASH

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP AWAY FROM HEAT OPEN FLAMES AND OXIDIZING MATERIALS. KEEP

CONTAINERS CLOSED WHEN NOT IN USE.

Other Precautions:AVOID CONTACT WITH EYES AND SKIN. ALWAYS USE PERSONAL PROTECTION. WASH THOROUGHLY AFTER EACH USE. DO NOT BREATHE ACID MIST. DO NOT USE CONTAMINATED CLOTHES.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED SCBA IN ENCLOSED AREA OR RESPIRATOR FOR ACID MIST.

Ventilation:LOCAL EXHAUST TO MAINTAIN BELOW TLV.

Protective Gloves:NEOPRENE, PVC

Eye Protection

n:GOGGLES/FACE SHIELD

Other Protective Equipment:FULL PROTECTIVE CLOTHING, SAFETY SHOWER, EYE WASH STATION

Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER USE. DO NOT SMOKE, DRINK, OR EAT WHILE HANDLING MATERIAL.

Supplemental Safety and Health

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

HCC:C1

Boiling Pt:B.P. Text:212F,100C

Spec Gravity:1.28

Evaporation Rate & Reference:< 1.0 (BUTYL ACETATE = 1)

Solubility in Water:COMPLETE

Appearance and Odor:OFF WHITE

TO STRAW COLORED LIQUID. PRACTICALLY
ODORLESS.

Percent Volatiles by Volume:57

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

Stability Indicator/Materials to Avoid:YES

ALKALINE MATERIALS, SALTS OF OTHER ACIDS, HYDRATED MATERIALS,
COMBUSTIBLES, AND ORGANIC MATERIALS.

Stability Condition to Avoid:EXTREME HEAT, MOISTURE

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

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

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Waste Disposal Methods:DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH
LOCAL, STATE, AND FEDERAL REGULATIONS.

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