

OCTAGON PROCESS INC. -- O-S-801E CLASS 3 -- 6810-00-843-1640

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Product Identification
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Product ID:O-S-801E CLASS 3

MSDS Date:05/21/1992

FSC:6810

NIIN:00-843-1640

MSDS Number: BQKPY

=== Responsible Party ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020-1105

Country:US

Info Phone Num:201-945-9400

Emergency Phone Num:201-945-9400

Preparer's Name

:J.J. BURGARD

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

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

CAS:7664-93-9

RTECS #:WS5600000

Fraction by Wt: 37.1%

Other REC Limits:NONE SPECIFIED BY M.

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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Hazards Identification =====

LD50 LC50 Mixture:INHALATION LC50 (RAT) IS 500 MG/M3

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE CONTACT WILL CAUSE SEVERE BURNS TO EYES & SKIN. ACUTE OR CHRONIC EXPOSURE TO FUMES NOT PRESENT. IF MIST IS FORMED IT WILL IRRITATE THE RESPIRATORY TRACT (LUNGS, THROAT, ETC.) & POSSIBLY LEAD TO COMPLICATIONS. TOXIC BY INHALATION. ALS

O CHRONIC DENTAL EROSION.

Explanation of Carcinogenicity:NOT A CARCINOGEN.

Effects of Overexposure:ACUTE: INGESTION CAUSES SEVERE BURNS TO MOUTH, PERFORATION OF ESOPHAGUS & STOMACH. CHRONIC: SCARRING OF EYELIDS & FACE. MAY CAUSE IRREPARABLE CORNEAL DAMAGE & BLINDNESS. INHLATION CAUSES TICKLING IN N OSE & THROAT, SNEEZING, COUGHING & RESPIRATORY DISTRESS.

Medical Cond Aggravated by Exposure:OPEN WOUNDS AND SORES. RESPIRATORY AILMENTS SUCH AS EMPHYSEMA & BRONCHITIS.

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

First Aid:EYE:FLUSH WITH WATER WHILE HOLDING EYELIDS OPEN. SEE PHYSICIAN. SKIN:FLUSH WITH LARGE AMOUNTS OF WATER. REMOVE CONTAMINATED CLOTHES. SEE PHYSICIAN. INHALATION:REMOVE TO FRESH AIR. INGESTION:DRINK LARG E AMOUNTS OF WATER. DO NOT INDUCE VOMITING. SEE PHYSICIAN IMMEDIATELY.

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

Flash Point:NONE

Extinguishing Media:NO FIRE HAZARD.

Fire Fighting Proc

edures:COOL OUTSIDE OF CONTAINERS WITH WATER IF EXPOSED TO FIRE. DO NOT PERMIT WATER TO CONTACT ACID AS THIS WILL CAUSE SPLATTERING, OVERHEATING & HIGHER CORROSION.

Unusual Fire/Explosion Hazard:STRONG OXIDIZER. MAY CAUSE FIRE WHEN IN CONTACT WITH OTHER ORGANIC MATERIALS. WILL ATTACK SOME METALS RELEASING FLAMMABLE AND EXPLOSIVE HYDROGEN GAS.

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

Spill Release Procedures:CONTAIN AND ZONE OFF CONTAMINATED AREA,

NEUTRALIZE WITH SODA ASH OR LIME. ABSORB WITH NEUTRALIZED MATERIAL,
SCOOP INTO DRUM.

Neutralizing Agent:SODA ASH OR LIME.

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

Handling and Storage Precautions:STORE ONLY IN APPROVED CONTAINERS.

AVOID ROUGH HANDLING OF DRUMS. VENT DRUMS WEEKLY. SAFETY SHOWERS
AND EYE WASH STATIONS SHOULD BE NEARBY.

Other Precautions:"NO SMOKING" REGULATIONS MUST BE INFORCED BECAUSE OF
THE PRESENCE OF HYDROGEN.

===== Exposu
re Controls/Personal Protection =====

Respiratory Protection:USE APPROVED RESPIRATOR (SEE 29CFR1910.134)

Ventilation:LOCAL EXHAUST FAN.

Protective Gloves:RUBBER GLOVES.

Eye Protection:SAFETY GLASSES OR FACE SHIELD.

Other Protective Equipment:HARD HAT, RUBBER SAFETY SHOES WITH STEEL TOE
& ACID RESISTANT CLOTHING. RUBBER APRON/FACE SHIELD IF CONDITION IS
SEVERE.

Work Hygienic Practices:PRACTICE GOOD PERSONAL HYGIENE. LAUNDER
CONTAMINATED CLOTHING BEFORE RE-USE. WASH HANDS AFE

TR USING
PRODUCT.

Supplemental Safety and Health
NONE

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

HCC:C1

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

Vapor Pres: