

OCTAGON PROCESS,INC -- SULFURIC ACID -- 6810-00-146-7520

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Product Identification
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Product ID:SULFURIC ACID

MSDS Date:01/01/1985

FSC:6810

NIIN:00-146-7520

MSDS Number: BDCKM

=== 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

CAGE:DO973

=== Contract

or 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:OCTAGON PROCESS,INC.

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020-1105

Country:US

Phone:201-945-9400

CAGE:DO973

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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: 93%

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
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Effects of Overexposure:RAPID DESTRUCTION OF TISSUES AND SEVERE BURNS
ON CONTACT.

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First Aid Measures
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First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. USE LARGE AMOUNTS OF
WATER. EYES: IRRIGATE WITH LARGE AMOUNTS OF WATER FOR A
T LEAST 15
MINUTES. SEEK MEDICAL ATTENTION QUICKLY.

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Fire Fighting Measures
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Flash Point:NONE
Extinguishing Media:DRY CHEMICAL
Fire Fighting Procedures:DO NOT USE WATER DIRECTLY ON ACIDS.

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Accidental Release Measures
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Spill Release Procedures:FLOOD AREA WITH WATER AND NEUTRALIZE WITH SODA
ASH OR LIME. IF WATER IS NOT AVAILABLE, COVER AREA WITH SAND, ASHES
OR GRAVEL AND NEUTRALIZE WITH SODA ASH OR LIM
E.
Neutralizing Agent:SODA ASH OR LIME

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Handling and Storage
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Handling and Storage Precautions:PROTECT AGAINST PHYSICAL DAMAGE AND
WATER. KEEP AWAY FROM CARBIDES, NITRATES, CHLORATES, POWDERED
METALS AND COMBUSTIBLE MATERIALS.
Other Precautions:REACTS VIOLENTLY WITH WATER, PRODUCING EXTREME HEAT.

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Exposure Controls/Personal Protection
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Respiratory Protection:BU MINES APPROVED RESPIRATOR WHEN CLEANING
TANKS.

Ventilation:MECHANICAL

Protective Gloves:RUBBER

Eye Protection:FACE SHIELD

Other Protective Equipment:RUBBER SAFETY SHOES, RUBBER APRON

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

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

HCC:C1

Boiling Pt:B.P. Text:538F,281C

Vapor Density:2.8

Spec Gravity:1.8354

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS, HEAVY LIQUID WITH A PUNGENT ODOR.

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

Stability Indicator/Materials to Avoid:YES

COMBUSTIBLES, ORGANICS, OXIDIZERS, PLATE AND POWDERED METALS

Stability Condition to Avoid:HIGH HEAT

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

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

Waste Disposal Methods:DO NOT ALLOW TO COME IN CONTACT WITH SULFIDE
WASTES, SUCH AS IN SEWERS. NEUTRALIZE WITH SODA ASH OR OTHER
ALKALINE MATERIAL, ADD
WATER TO MAKE SLURRY, AND WASH DOWN DRAIN
WITH EXCESS WATER.

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