

OCTAGON PROCESS INC. -- MIL-A-53009 -- 6850-01-160-3868

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Product Identification
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Product ID:MIL-A-53009

MSDS Date:10/19/1986

FSC:6850

NIIN:01-160-3868

MSDS Number: BGPKS

=== 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: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:NO HAZARDOUS INGREDIENTS PER MANUFACTURER.

CAS:7732-18-5

Ingred Name:SODIUM TETRABORATE, DECAHYDRATE

CAS:1303-96-4

RTECS #:VZ2275000

Fraction by Wt: 29%

OSHA PEL:10 MG/M3

ACGIH TLV:5 MG/M3; 9192

Ingred Name:POTASSIUM SILICATE (SOLUTION)

Fraction by Wt: 4.6%

Ingred Name:SODIUM MERCAPTOBENZOTHIAZOLE

CAS:2492-26-4

RTECS #:DL6825000

Fraction by Wt: 3.0%

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

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

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

Health Hazards Acute and Chronic:ACUTE:IRRITATION OF EYES,SKIN AND
RESPIRATORY TRACT;REDNESS OF EYES,BURNING SENSATION,COUGHING.
CHRONIC:IRRITATION.

Effects of Overexposure:SEE HEALTH HAZARDS DATA.

Medical Cond Aggrava

ted by Exposure:DERMATITIS

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

First Aid:EYE:FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. GET
MEDICAL ATTENTION. SKIN:WASH SKIN WITH SOAP & WATER. REMOVE
CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. INGEST: INDUCE
VOMITING IF CONSCIOUS . GET MEDICAL ATTENTION.

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

Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:NONE

Extinguishing Media:

EXTINGUISHING MEDIA SUITABLE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR SCBA AND PROTECTIVE CLOTHING WHEN
FIGHTING CHEMICAL FIRE.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:RETAIN MATERIAL BY DICKING. ABSORB ON INERT
MATERIAL OR PICK UP BY VACUUM. PLACE IN SUITABLE CONTAINER FOR
DISPOSAL. FLUSH WITH LARGE AMOUNTS OF WATER TO RINSE AWAY RESIDUE.

Neutralizing Agent:ACETIC ACID (DILUTE)

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Exposure Controls/Personal Protection
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Respiratory Protection:NONE NORMALLY REQUIRED
Ventilation:MECHANICAL (GENERAL) RECOMMENDED
Protective Gloves:RUBBER,NEOPRENE.
Eye Protection:CHEMICAL SPLASH GOGGLES/FACE SHIELD
Other Protective Equipment:APRON,EYE WASH FOUNTAIN,SAFETY SHOWER.
Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT USE
CONTAMINATED CLOTHING.
Supplemental Safety and Health

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Physical/Chemical Properties
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HCC:N1
Boiling Pt:B.P. Text:212F/100C
Spec Gravity:1.185-1.200/60F
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR, STRAW COLORED LIQUID
Percent Volatiles by Volume:63

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES
STRONG ACIDS AND OXIDIZERS.
Stability Condition to Avoid:DO NOT ALLOW MATERIAL TO FREEZE.
Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE &
SILICATE RESIDUE.

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Disposal Considerations
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Waste Disposal Methods:DISPOSE I/AW ALL LOCAL,STATE AND FEDERAL REGS.

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