

OCTAGON PROCESS INC -- O-S-602,SODIUM HYPOCHLORITE SOLUTION,GR A -- 6810-00-598-7316

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Product Identification
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Product ID:O-S-602,SODIUM HYPOCHLORITE SOLUTION,GR A

MSDS Date:01/01/1985

FSC:6810

NIIN:00-598-7316

MSDS Number: BFHMY

=== 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:SODIUM HYPOCHLORITE SOLUTION

RTECS #:HN3486300

= Wt:5.

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

= Wt:95.

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Hazards Identification
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Effects of Overex

posure:IRRITATION OF EYES;SKIN IRRITATION,
BLISTERING,ECZEMA,COUGH DYSYPNEA,NAUSEA,VOMITING,DELIRIUM,COMA

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First Aid Measures
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First Aid:IF SPLASHED IN EYES FLOOD WITH WATER.IF SPLASHED ON SKIN,WASH WITH WATER,THEN WAWH WITH VINEGAR.INTERNAL-GIVE DILUTED VINEGAR OR JUICE OF CITRUS FRUITS COPIOUSLY.FOLLOW WITH OLIVE OIL. IF SWALLOWED,FE ED MILK.DO NOT INDUCE VOMITING.CALL A DOCTOR

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Fire Fighting Measures
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Flash Point:NONE

Fire Fighting Procedures:AT HIGH TEMPERATURES CHLORINE & OXYGEN ARE EVOLVED

Unusual Fire/Explosion Hazard:WHEN HEATED OR ON CONTACT WITH ACID OR ACID FUMES EMITS HIGHLY TOXIC FUMES OF CHLORINE & CHLORIDES

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Accidental Release Measures
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Spill Release Procedures:COVER WITH WEAK REDUCING AGENTS SUCH AS HYPO,BISULFITES OR FERROUS SALTS.BISULFITES OR FERROUS SALTS NEED ADDITIONAL PROMOTER OF SOME 3M-H2SO4 FOR R APID REACTION.TRANSFER THE SLURRY INTO A LARGE CONTA INER OF WATER & NEUTRALIZE WITH SODA ASH

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Handling and Storage
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Handling and Storage Precautions:STORE IN A COOL DARK PLACE AWAY FROM CIOMBUSTIBLES.LONG STORAGE IS IMPOSSIBLE WITHOUT DECOMPOSITION.KEEP CONTAINERS WELL CLOSED & PROTECT FROM MOISTUR

Other Precautions:ESTORE AWAY FROM ACIDS OR AMMONIA.ADEQUATE VENTILATION. WEAR RUBBER GLOVES,FACE SHIELDS,BODY SHIELD & SELF TAINED BREATHING APPARATUS

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Exposure Controls/Personal Protection
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Respiratory Protection:SELF CONTAINED BREATHING APPARATUS

Ventilation:AS NEEDED TO CONTROL THE TLV

Protective Gloves:RUBBER

Eye Protection:SAFETY GOGGLES

Other Protective Equipment:FACE SHIELD,OVERALLS,& PREFERABLY BODY SHIELD

Supplemental Safety and Health

CAUTION-DO NOT MIX WITH AMMONIA COMPOUNDS- CREATES GAS WHICH IS BOTH TOXIC AND EXPLOSIVE!!

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Physical/Chemical Propert
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HCC:B1

Spec Gravity:1.15

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, GREENISH-YELLOW LIQUID, SLIGHT CHLORINE ODOR

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

Stability Indicator/Materials to Avoid:YES

ACIDS, ORGAICS, TOILET CLEANERS, SOAPS-SEE SUPPLEMENTAL DATA

Hazardous Decomposition Products:CHLORINE GASES, HYDROGEN

Conditions to Avoid Polymerization:POLYMERIZATION MAY OCCUR UNDER
EXTREME HEAT

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

Waste Disposal Methods:USE VAST VOLUME OF CONCENTRATED SOLUTION OF
REDUCING AGENT (BISULFITES OR FERROUS SALTS WITH 3M-H₂SO₄ OR HYPO)
NEUTRALIZE WITH SODA ASH OR DILUTE HCL.DRAIN INTO AN APPROVED
DISPOSAL AREA WITH ABUNDANT WATER

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