

OCTAGON PROCESS INC. -- MIL-B-24155B (SH) BOILER SCALE REMOVING COMPOUND --
6850-00-926-8960

===== Product Identification =====

Product ID:MIL-B-24155B (SH) BOILER SCALE REMOVING COMPOUND

MSDS Date:05/15/1992

FSC:6850

NIIN:00-926-8960

MSDS Number: BSGFW

=== Responsible Party ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020-1105

Country:US

Info Phone N

um:201-945-9400/(CHEMTREC)800-424-9300

Emergency Phone Num:201-945-9400/(CHEMTREC)800-424-9300

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

===== Composition/Information on Ingredients =====

Ingred Name:SULFAMIC ACID

CAS:5329-14-6

RTECS #:WO5950000

Other REC Limits:NONE RECOMMENDED

Ingred Name:CITRIC ACID, ANHYDR

OUS
CAS:77-92-9
RTECS #:GE7350000
Other REC Limits:NONE RECOMMENDED

Ingred Name:FUMED SILICA
CAS:112945-52-5
RTECS #:VV7310000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:6 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST

Ingred Name:DIETHYL THIOUREA
CAS:105-55-5
Other REC Limits:NONE RECOMMENDED

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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:
EYES:WILL CAUSE IRRITATION & BURNS.
SKIN:WILL CAUSE REDNESS, IRRITATION & PARTIAL TO FULL-THICKNESS
BURNS. INHAL:IRRITATION, DAMAGE TO NASAL PASSAGES & UPPER
RESPIRATORY TRACT. INGEST:ACCIDENTAL INGESTION MAY CAUSE NAUSEA,
VOMITING & SEVERE DAMAGE TO INTERNAL ORGANS & GASTROINTESTINAL
TRACT.
Effects of Overexposure:EYES:BURNS, REDNESS, BLURRED VISION, TEARING,
DISCOMFORT. SKIN:REDNESS, SWELLING, ITCHING, DISCOMFORT, SEVERE
BURNS. INHAL:DAMAGE TO NASAL PASSAGES & UPPER
RESPIRATORY TRACT.
INGEST:NAUSEA, VOMITING, SEVERE DAMAGE TO INTERNAL ORGANS &
GASTROINTESTINAL TRACT. STOMACH PAINS/CRAMPS, DIARRHEA.
Medical Cond Aggravated by Exposure:PRE-EXISTING RESPIRATORY
CONDITIONS.

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

First Aid:EYES/SKIN:FLOOD W/WATER FOR @ LEAST 15MINS. IF SKIN IRRIT
PERSISTS, CALL DOCTOR.IF SKIN BURNED, WRAP IN STERILE DRESSINGS.
INHAL:MOVE TO FRESH AIR.IF BREATHING IS DIFFICULT,GIVE OXYGEN;IF

STOPPED, ADM INISTER ARTIFICIAL RESPIRATION. INGEST:DON'T INDUCE VOMITING.GIVE 4-8OZ OF WATER TO DILUTE STOMACH CONTENTS IF CONSCIOUS, HAS GOOD GAG REFLEX & NO DROOLING. CALL DOCTOR IN ALL CASES.

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

Flash Point:NONE

Extinguishing Media:WATER SRAY OR FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE.

Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.

Unusual Fire/Explosion Hazard:WHEN HEATED TO DECOMPOSITION OR ON

CONTACT W/ACIDS OR ACID FUMES MAY EMIT TOXIC FUMES OF NITROUS OXIDE.

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

Spill Release Procedures:AVOID SPILL TO ENTER DRAINS, SEWERS, WATERWAYS. COVER AREA W/SODIUM BICARBONATE OR SODA ASH/SLAKED LIME (50/50) MIXTURE. MIX & ADD WATER IF NECESSARY TO MAKE SLURRY. SCOOP UP & PLACE IN PROPER CONTAIN ERS FOR DISPOSAL. COMPLY W/ALL SPILL REGULATIONS.

Neutralizing Agent:SODIUM BICARBONDATE OR SODA ASH/SLAKED LIME (50/50) MIXTURE.

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

Handling and Storage Precautions:STORE IN COOL, DRY PLACE AWAY FROM STRONG OXIDIZERS. KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT RE-USE EMPTY CONTAINERS.

Other Precautions:AVOID EYE/SKIN CONTACT. AVOID BREATHING DUST. USE THIS PRODUCT ONLY AS DIRECTED. SEE MFG'S DIRECTIONS.

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

Respiratory Protection:IF WORKING IN CONFIN ED AREAS OR IN EXCESSIVELY DUSTY CONDITIONS, USE NIOSH-APPROVED RESPIRATORY PROTECTION.

Ventilation:LOCAL EXHAUST-YES. MECHANICAL-FAN.

Protective Gloves:PVC OR NEOPRENE GLOVES.

Eye Protection:GOGGLES.

Other Protective Equipment:LONG SLEEVE SHIRT & PANTS OR APRONS/LAB COATS TO MINIMIZE SKIN EXPOSURE. EMERGENCY SHOWERS & EYEWASH STATIONS.

Work Hygienic Practices:WASH HANDS & FACE AFTER HANDLING PRODUCT. REMOVE CONTAMINATED CLOTHING & LAUNDRY BEFORE RE-USE.

Supplemental Safety and H

health

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

HCC:C2

Solubility in Water:COMPLETE

Appearance and Odor:WHITE TO OFF-WHITE CRYSTALLINE SOLID, SLIGHT ACIDIC ODOR.

Percent Volatiles by Volume:N/D

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

Stability Indicator/Materials to Avoid:YES

DO NOT MIX BOILER PASSIVATOR COMPOUNDS, NITRATES OR STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NITROUS OXIDE.

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

Waste Disposal Methods:DISPOSE OF WASTE IN COMPLIANCE W/LOCAL/STATE/FEDERAL REGULATIONS.

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