

OCTAGON PROCESS, INC. -- COATING COMPOUND, BLACK OXIDE (MIL-C-46110B) --  
6850-00-141-2946

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Product Identification  
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Product ID: COATING COMPOUND, BLACK OXIDE (MIL-C-46110B)

MSDS Date: 12/04/1992

FSC: 6850

NIIN: 00-141-2946

MSDS Number: BDBMW

=== Responsible Party ===

Company Name: OCTAGON PROCESS, INC.

Address: 596 RIVER ROAD

City: EDGEWATER

State: NJ

ZIP: 07020-1105

Country: US

Info Phone Num: 201-9

45-9400

Emergency Phone Num: 201-945-9400, CHEMTREC 800-424-9300

CAGE: DO973

=== 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

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: SODIUM HYDROXIDE (SARA III)

CAS: 131

0-73-2  
RTECS #:WB4900000  
Fraction by Wt: 66%  
OSHA PEL:2 MG/M3  
ACGIH TLV:C 2 MG/M3; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM NITRATE  
CAS:7631-99-4  
RTECS #:WC5600000  
Fraction by Wt: 34%

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:PRODUCT IS CORROSIVE TO BODY TISSUES,  
CAUSING BURNS AND DESTRUCTION. INHA  
LATION OF THE SOLID PRODUCT IS  
UNLIKELY IF CARE IS TAKEN NOT TO CAUSE DUSTS DURING HANDLING.  
Explanation of Carcinogenicity:MFR LISTED NO INFORMATION ABOUT THE  
CARCINOGENICITY OF THIS MATERIAL. IT IS NOT EXPECTED TO BE  
CARCINOGENIC.  
Effects of Overexposure:EYES:BURNS,IRRITATION,BLINDNESS. SKIN:  
BURNS,IRRITATION. INHALATION:IRRITATION, COUGHING & CHOKING.  
INGESTION: BURNS, SEVERE PAIN AND VOMITING,DIARRHEA,COLLAPSE.  
Medical Cond Aggravated by Exposure:SUPPLIER DID NOT ADDRESS  
THIS  
FIELD.

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

First Aid:EYES:FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MIN. SEE  
DOCTOR. SKIN:IMMEDIATELY FLUSH UNDER SHOWER WHILE REMOVING CLOTHING  
& SHOES.IF WEARING GOGGLES,FLUSH HEAD & FACE THOROUGHLY BEFORE  
REMOVING GOGGL ES. SEE DOCTOR. INHALATION:REMOVE TO FRESH AIR.IF  
BREATHING IS DIFFICULT,GIVE OXYGEN. GET MEDICAL HELP. INGESTION:DO  
NOT INDUCE VOMITING, DRINK LARGE AMOUNT OF MILK OR WATER. GET

MEDICAL HELP. SEE SUP

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

Extinguishing Media:WILL NOT BURN UNDER ORDINARY CONDITIONS. CARBON DIOXIDE CAN BE USED.

Fire Fighting Procedures:ISOLATE EXPOSED CONTAINERS IF POSSIBLE.

Unusual Fire/Explosion Hazard:WILL REACT WITH WATER OR STEAM TO PRODUCE HEAT.

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

Spill Release Procedures:SHOVEL UP FOR RECOVERY OR DISPOSAL. AVOID DUSTING. AVOID EYES/SKIN

CONTACT. FLUSH CONTAMINATED SURFACES WITH WATER & NEUTRALIZE WITH DILUTE ACID. FINALLY,RINSE WITH WATER.

Neutralizing Agent:DILUTE ACETIC ACID. (VINEGAR)

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

Handling and Storage Precautions:STORE IN DRY PLACE. PROTECT FROM PHYSICAL DAMAGE & SEPARATE FROM ACIDS,METALS,EXPLOSIVES,ORGANIC PEROXIDES AND EASILY IGNITIBLE MAERIALS, MOISTURE.

Other Precautions:WORKERS SHOULD BE PERMITTED TO HANDLE MATERIAL ONLY AFTER PRO

PER TRAINING & WITH PROTECTIVE EQUIPMENT. HANDLING

EQUIPMENT SHOULD NOT BE MADE OF SOFT IRON,COPPER,TIN,ALUMINUM ZINC OR ALLOYS OF THESE ME TALS. INSPECT REGULARLY FOR LEAKS.

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

Respiratory Protection:IN ABSENCE OF DUST OR MIST, NOT REQUIRED. IF DUST/MIST TO 100MG/M3, USE HIGH EFFICIENCY PARTICULATE RESPIRATOR OR SCBA WITH FULL FACEPIECE.

Ventilation:SUPPLIER DID NOT ADDRESS THIS FIELD.

Protective Gloves:RUBBER,NE OPRENE OR NBR PREFERRED.

Eye Protection:SPLASH GOGGLES OR FACE SHIELD.

Other Protective Equipment:HARD HAT AND IMPERMEABLE BOOTS.

Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER USING AND BEFORE EATING,DRINKING OR SMOKING.

Supplemental Safety and Health

KEY2:KT FROM FIRST AID: FOLLOW THE DRINKING OF MILK OR WATER WITH DIOLUTE VINEGAR OR FRUIT JUICE.

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

HCC:D4

NRC/State Lic Num:NONE

Solubility in Water:APPRECIABLE

Ap

pearance and Odor:WHITE TO LIGHT YELLOW CRYSTALS.

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

Stability Indicator/Materials to Avoid:YES

WATER,ACIDS,FLAMMABLE LIQUIDS,ORGANIC HALOGENS,METALS: AL,SN,ZN.

Stability Condition to Avoid:SUPPLIER LEFT THIS FIELD BLANK.

Hazardous Decomposition Products:NOT KNOWN

Conditions to Avoid Polymerization:WILL NOT OCCUR

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

Waste Disposal Methods:CONSULT YOUR LOCAL AND STATE AUTHORITIES FOR

PERMISSIBLE LIMITS OF DISPOSAL. DISPOSE OF AT AN APPROVED WASTE DISPOSAL FACILITY. CAN ALSO BE DISCHARGED TO A HOLDING TANK, NEUTRALIZED AND FLUSHED TO SEWER WITH WATER.

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