

OCTAGON PROCESS INC. -- MIL-L-46152D GRADE 10W-30 -- 9150-00-186-6699

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Product Identification  
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Product ID:MIL-L-46152D GRADE 10W-30

MSDS Date:07/13/1992

FSC:9150

NIIN:00-186-6699

MSDS Number: BWCVN

=== Responsible Party ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020-1105

Country:US

Info Phone Num:201-313-1187/FAX -1057 (CAROL)

Emergency Pho

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

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

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Composition/Information on Ingredients  
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Ingred Name:ZINC (SARA III) [CONTAINS 0.1%-0.13%]

CAS:7440-66-6

RTECS #:ZG8600000

Fraction by Wt: 0.1%

Other REC Limits:NONE RECOMMENDED

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000

LBS

Ingred Name:THE MANUFACTURER STATES THAT NO HAZARDOUS INGREDIENTS ARE PRESENT IN THIS PRODUCT.

RTECS #:9999999ZZ

Fraction by Wt: >99%

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:ACUTE: EXPOSURE MAY CAUSE EYE, SKIN,  
NOSE, THROAT & UPPER RESPIRATORY TRACT IRRITATION. INHALATION OF

VAPORS MAY CAUSE CNS DEPRESSION. INGESTION MAY CAUSE GI TRACT  
IRRITATION. CHRONIC: PROLONGED OR RE PEATED EXPOSURE MAY CAUSE  
CONJUNCTIVITIS, SKIN DEFATTING & DERMATITIS.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%  
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION. INHALED:  
IRRITATION, DIZZINESS, HEADACHE, STUPOR, LOSS OF COORDINATION.  
INGESTED: NAUSEA, PAIN, VOMITING, DIARRHEA.

Medical Cond Aggravated by Exposure:NO DATA AVAILABLE.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL  
RESPIRATION/OXYGEN IF NEEDED. GET MEDICAL ATTENTION IMMEDIATELY.  
EYE: FLOOD WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, GET  
MEDICAL ATTENTION. S KIN: WASH WITH SOAP & WATER. IF IRRITATION  
PERSISTS, GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING.  
IF CONSCIOUS, GIVE WATER. GET ME  
DICAL ATTENTION IMMEDIATELY.

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

Flash Point Method:COC

Flash Point:410F,210C

Extinguishing Media:WATER FOG, CARBON DIXOIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:DO NOT USE DIRECT STREAM OF WATER-PRODUCT MAY  
FLOAT ON SURFACE OF WATER & REIGNITE. KEEP FIRE EXPOSED CONTAINERS  
COOL WITH WATER FOG.

Unusual Fire/Explosion Hazard:NONE.

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

Spill Release P

rocedures:DIKE & CONTAIN SPILL. DO NOT ALLOW TO ENTER SEWERS, DRAINS, OR WATERWAYS. RECOVER FREE LIQUID IF POSSIBLE. ABSORB WITH INERT MATERIAL & PLACE INTO PROPER CONTAINERS FOR DISPOSAL. ALL RESPONSE ACTIVITI ES MUST COMPLY WITH HAZWOPER (29CFR1910.120).

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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

Other Precautions:CLEAN CONTAMINATED EQUIPMENT BEFORE STARTING ANY REPAIR WORK. USE THIS PRODUCT ONLY AS DIRECTED-REFER TO MANUFACTURER'S DIRECTIONS. THIS PRODUCT CONTAINS 0.1-0.13% ZINC WHICH IS REGULATED UNDER SARA II SECTION 313 SUPPLIER NOTIFICATION.

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

Respiratory Protection:DLA-IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR

SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134 AND MANUFACTURER'S RECOMMENDATIONS.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:RUBBER OR NEOPRENE.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:IF EXCESSIVE MISTING, USE RUBBER APRON & FACESHIELD. PROVIDE LOCAL EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:ANY USERS SHOULD CONSULT MSDS BEFORE HANDLING

THIS MATERIAL. AVOID PROLONGED BREATHING OF VAPORS.

Supplemental Safety and Health

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

HCC:V6

Boiling Pt:B.P. Text:>420F,>216C

Vapor Pres:NIL

Vapor Density:12

Spec Gravity:0.88

Evaporation Rate & Reference:0.001 (ETHYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:DARK AMBER LIQUID; SLIGHT PETROLEUM ODOR.

Percent Volatiles by Volume:NIL

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

Sta

bility Indicator/Materials to Avoid: YES

STRONG OXIDIZERS.

Stability Condition to Avoid: HEAT, SPARKS, OPEN FLAME.

Hazardous Decomposition Products: CARBON MONOXIDE, TRACES OXIDES OF  
SULFUR, PHOSPHORUS & ZINC.

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

Waste Disposal Methods: DISPOSE OF WASTE IN COMPLIANCE WITH LOCAL, STATE  
AND FEDERAL REGULATIONS.

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