

OCTAGON PROCESS INC. -- MIL-P-81351A -- 6810-01-120-0408

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Product Identification
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Product ID:MIL-P-81351A

MSDS Date:03/15/1989

FSC:6810

NIIN:01-120-0408

MSDS Number: BPPND

=== 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

=== Contract

or 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:METHYL ETHYL KETONE PEROXIDE (MEKP) (SARA III)

CAS:1338-23-4

RTECS #:EL9450000

Fraction by Wt: 60%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C 0.7 PPM

ACGIH TLV:C 0.2; 9394

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:DIMETHYLPHTHALATE (SARA III)

CAS:1

31-11-3
RTECS #:TI1575000
Fraction by Wt: 40%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SKIN: IRRITATION AND BLISTERING. EYES:
IRRITATION, POSSIBLE PERMANENT EYE INJURY. RESPIRATORY TRACT:
IRRITATION TO
MUCOUS MEMBRANES. INGESTION (ACCIDENTAL): MAY CAUSE
GASTROINTESTINAL PAIN.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:SKIN: REDNESS AND POSSIBLE BLISTERING. EYES:
TEARING, BURNING SENSATION. INHALATION: HEADACHE, DIZZINESS.
INGESTION: NAUSEA, VOMITING, CRAMPS.
Medical Cond Aggravated by Exposure:NO DATA AVAILIABLE.

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First
Aid Measures
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First Aid:SKIN/EYE: FLUSH WITH WATER FOR AT LEAST 15 MIN. GET MEDICAL
ATTENTION. INHALATION: TREAT SYMTOMATICALLY. INGESTION: DRINK LARGE
AMOUNTS OF MILK OR WATER, GET MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point Method:SCC
Flash Point:140F,60C
Autoignition Temp:Autoignition Temp Text:UNKNON
Lower Limits:N.D.
Upper Limits:N.D.
Extinguishing Media:WATER MOST EFFECTIVE, ALSO WATER FOG, CARBON

DIOXIDE AND DRY CHEMICAL.

Fire Fighting Procedures:PERSONNEL EVACUATION PRIMARY. BLAZE FOUGHT FROM SAFE DISTANCE OR FROM AN EXPLOSION PROTECTED LOCATION. NON-BURNING MATERIAL SHOULD BE RELOCATED TO A SAFE AREA.

Unusual Fire/Explosion Hazard:DANGEROUS WHEN EXPOSED TO HEAT OR FLAME. SPONTANEOUS REACTION OR IGNITION MAY OCCUR IF MIXED READILY WITH OXIDIZABLE MATERIALS. COOL EXPOSED CONT. WITH WATER.

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

Spill Release

Procedures:REMOVE ALL SOURCES OF IGNITION AND COVER WITH NON-COMBUSTIBLE ABSORBENT MATERIAL TO CONTAIN. GATHER ABSORBED MASS WITH NON-SPARKING TOOLS TO A CLEAN CONTAINER AND MOVE OUTDOORS. WASH SPILL AREA WITH DETERGENT AND WATER.

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

Handling and Storage Precautions:STORE IN ORIGINAL CONTAINER BELOW 100F. PROTECT FROM ALL SOURCES OF HEAT/DIRECT SUNLIGHT. DO NOT ADD ACCELERATORS TO CONTENTS-CAUSE VIGOROUS REACTION.

Other Precautions:ONLY GLASS, POLYETHYLENE OR CERAMIC CONTAINERS, FUNNELS OR MEASURING DEVICES SHOULD BE USED TO AVOID METAL CONTAMINATION DURING HANDLING.

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

Respiratory Protection:REQUIRED IF PROCESS CREATES VAPORS OR SPRAY MIST.

Ventilation:LOCAL EXHAUST: YES. OTHER: EXPLOSION-PROOF MOTORS.

Protective Gloves:POLYETHYLENE OR NON-SOLUBLE PLASTIC

Eye Protection:CHEMICAL SAFETY GOGGLES/FACE SHIELD

Other Protective

Equipment:HAVE EMERGENCY EYE WASH AND SAFETY SHOWER AVAILABLE.

Work Hygienic Practices:WASH HANDS & FACE AFTER USING PRODUCT. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health
NONE

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

HCC:F4

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:M.P/F.P Text:N.A.

Vapor Pres:N.D.

Vapor Density:>AIR

Spec Gravity:1.1

pH:N.A.

Viscosity:N.A.

Evaporation Rate & Reference:LESS THAN 1

Solubility in Water

:INSOLUBLE

Appearance and Odor: CLEAR, COLORLESS LIQUID, CHARACTERISTIC KETONE ODOR.

Percent Volatiles by Volume: N.D.

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

Stability Indicator/Materials to Avoid: YES

MINERAL ACIDS, REDUCING AGENTS, OXIDIZERS, ALKALIES, SOME PLASTICS, CERTAIN RESINS, COPPER, BRASS, LEAD, IRON & ZINC.

Stability Condition to Avoid: DIRECT SUNLIGHT, OPEN FLAMES, HEAT SOURCES, SPARKS, STATIC ELECTRICITY, ELECTRICAL SWITCH GEAR.

Hazardous Decom

position Products: CARBON MONOXIDE AND CARBON DIOXIDE. DENSE BLACK SMOKE AND INTENSE HEAT.

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

Waste Disposal Methods: ABSORBED WASTE MAY BE BURNED IN ACCORDANCE WITH PREVAILING REGULATIONS. IGNITION SHOULD BE CONDUCTED AT A SAFE DISTANCE WITH EXTREME CARE.

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