

OCTAGON PROCESS INC. -- ACETONE -- 6810-00-184-4796

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Product Identification
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Product ID:ACETONE

MSDS Date:08/09/1993

FSC:6810

NIIN:00-184-4796

MSDS Number: BTRJP

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

Preparer's

Name:J.J. BURGARD 201-313-1187

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:ACETONE (SARA III)

CAS:67-64-1

RTECS #:AL3150000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:750PPM/1000STEL;9294

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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Hazards Identification
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LD50 LC50 Mixture:TLV-ACGIH 750PPM, 1000PPM (STEL)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE:LIQ & HI VAPOR CONCEN IRRIT.

SKIN:IRRIT. PROLONG/REPEAT CONTACT MAY RESULT IN DEFATTING & DRYING

SKIN RESULTING IN IRRIT & CONTACT DERM. INHAL:IRRIT TO

NOSE,THROAT,UPPER RESP TRACT. HI CONCEN MAY CAUSE CNS DEPRESSION.
INGES

T:NOT LIKELYHOWEVER IF SO MAY CAUSE GI BLEEDNG, CNS

DEPRESSION, PAIN, NAUSEA, VOMIT, DIARR

Explanation of Carcinogenicity:PER MSDS.

Effects of Overexposure:EYE:IRRIT. SKIN:IRRIT, DEFATTING DRYING,

CONTACT DERM. INHAL:HEADACHE, GIDDINESS, DIZZ, NAUSEA. INGEST:PAIN,
NAUSEA, VOMIT, DIARR, GI BLEEDING, HEADACHE, GIDDINESS, DIZZ.

Medical Cond Aggravated by Exposure:PRE-EXISTING EYE AND RESPIRATORY
DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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First
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Aid Measures =====

First Aid:EYE:FLOOD W/WATER FOR @ LEAST 15MINS.SKIN:FLUSH W/WATER WHILE
REMOVING CONTAM CLOTH/SHOES.IF IRRIT PERSISTS SEE DR.INHAL:MOVE TO
FRESH AIR.IF BREATH DIFFI GIVE OXYGEN.IF BREATH STOP GIVE ARTI RESP
IF TRAINED.INGEST:DO NOT INDUCE VOMIT.GIVE4-8OZ OF WATER IF
CONSCIOUS.RINSE MOUTH THOROUGHLY.IN ALL CASES GET MED
ATTN.PHYSICIAN:ASPIRATED ACETONE MAY CAUSE SEV LUNG DAMAGE &
HAZ.TREAT SYMPTOMATIC & SUP

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re Fighting Measures =====

Flash Point Method:TCC

Flash Point:0F,-18C

Lower Limits:2.15

Upper Limits:13.0

Extinguishing Media:USE "ALCOHOL" FOAM, DRY CHEMICAL OR CARBON DIOXIDE.

Fire Fighting Procedures:MATL IS FLAMM.CLEAR FIRE AREA OF UNPROTECTED
PERSONNEL.COOL FIRE EXPOSED CONTAINERS W/WATER.FIGHT FIRE FROM
UPWIND.USE CHEM RESISTANT CLOTH & NIOSH/MSHA SCBA.

Unusual Fire/Explosion Hazard:CONTAINERS EXPOSED TO INTENSE HEAT SHOULD
BE COOLED W/WATER TO PREVENT VAPOR P

RESSURE FROM BUILDUP WHICH
COULD RESULT IN CONTAINER RUPTURE.

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

Spill Release Procedures:FLAMM.REMOVE IGNITION SOURCES.GROUND EQUIPMT TO PREVENT SPARKING.DIKE & CONTAIN.RECOVER FREE LIQUID FOR REUSE IF POSSIBLE.ABSORB RESIDUAL W/INERT MATL.PLACE IN PROPER CONTAINER FOR DISPOSAL/RECLAMATION .COMPLY W/ALL SPILL NOTIFICATION REQMTS& HAZOPER.

Neutralizing Agent:NOT STATED.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT/SPARKS/FLAME.HOT SURFACES MAY IGNITE MATL.VAPORS MAY ACCUMULATE & TRAVEL DISTANT FROM HANDLING SITE;FLASH FIRE CAN OCCUR.

Other Precautions:KEEP CONTAINERS CLOSED WHEN NOT IN USE.STATIC ELECTRICITY MAY ACCUMULATE & CREATE FIRE HAZ.GROUND FIXED EQPMT.DON'T CUT/DRILL/GRIND/WEL/PERFORM SIMILAR OPERATIONS ON OR NEAR CONTAINERS.DON'T PRESSURIZ E EMPTY CONTAINERS.DON'T REUSE EMPTY CON

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

Respiratory Protection:IF WORKING IN CONFINED AREAS, IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS, USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION (REFER TO 29CFR1910.134).

Ventilation:LOC EXHAUST RECOMMENDED. EXPLOSION PROOF. MECHANICAL (GENERAL):FAN.

Protective Gloves:RUBBER OR PVA.

Eye Protection:WEAR EYE PROTECTIN.

Other Protective Equipment:WEAR FULL COVER SHIRT/PANTS TO MIN SKIN CONTACT.EMERG SHOWER & EYEWASH STATION.ENFORCE NO SMOKING RULES.USE NONSPARK TOO

Work Hygienic Practices:WASH HANDS/FACE AFT HANDLING.LAUNDER CONTAMINATED CLOTH PRIOR TO REUSE AFT AIR DRYING.AVOID EYE CONTACT & BREATH VAPOR.

Supplemental Safety and Health
NEW JERSEY RIGHT-TO-KNOW MATL.

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

HCC:F2

Boiling Pt:B.P. Text:56.0F,13.3C

Vapor Pres:184

Vapor Density:2.00

Spec Gravity:0.7915

Evaporation Rate & Reference:14.4, BUACT=1

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lubility in Water:COMPLETE

Appearance and Odor:CLEAR LIQUID; SHARP PENETRATING, NONRESIDUAL ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID HEAT, SPARKS, AND FLAME.

Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE.

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

Waste Disposal Methods:DIPOSE OF

WASTE IN ACCORDANCE WITH LOCAL, STATE

AND FEDERAL REGULATIONS. RECYCLE WASTE WHERE APPLICABLE. WASTE MAY
BE CLASSIFIED AS FLAMMABLE (DOO1) UNDER RCRA.

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