

OCTAGON PROCESS INC. -- MIL-C-43454B TYPE I OPTICAL LENS CLEANER -- 6850-00-227-1887

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Product Identification
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Product ID:MIL-C-43454B TYPE I OPTICAL LENS CLEANER

MSDS Date:01/01/1987

FSC:6850

NIIN:00-227-1887

MSDS Number: BDKTZ

=== 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

=== 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:ETHYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

Fraction by Wt: 19%

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA III)

CAS:67-56-1

RTECS #:PC1400000

Fract

ion by Wt: 1.0%
OSHA PEL:S,200PPM/250STEL
ACGIH TLV:S,200PPM/250STEL; 93
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 79.8%

Ingred Name:DETERGENTS, TYPE NOT SPECIFIED BY MANUFACTURER.

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EYE, SKIN & RESPIRATORY TRACT

IRRITATION. POISONOUS IF INGESTED. MAY CAUSE BLINDNESS IN LARGE QUANTITIES.

Explanation of Carcinogenicity:NONE OF THE CHEMICALS CONTAINED IN THIS PRODUCT IS LISTED AS A CARCINOGEN BY NTP, IARC OR OSHA.

Effects of Overexposure:MAY CAUSE DIZZINESS, HEADACHE & NAUSEA. MAY CAUSE EYE, SKIN & RESPIRATORY TRACT IRRITATION. MAY CAUSE BLURRED VISION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

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First Aid:INHALATION: REMOVE PERSON TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF BREATHING HAS STOPED, APPLY ARTIFICIAL RESPIRATION. GET MEDICAL AID. EYES & SKIN: FLUSH WITH WATER FOR 15 MINUTES. IN GESTION: GIVE 2 GLASSES OF WATER AND INDUCE VOMITING WITH 2 TBLS. IPECAC. GIVE NOTHING TO AN UNCONSCIOUS PERSON. KEEP VICTIM'S HEAD BELOW HIPS TO AVOID ASPIRATION INTO LUNGS. GET MEDICAL ATTENTION.

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

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Flash Point Method:TCC

Flash Point:88.0F,31.1C

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

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. DIKE AREA. ABSORB

SMALL SPILLS. USE VACUUM TRUCK FOR LARGE SPILLS. PUMP INTO SALVAGE VESSELS OR FLUSH AWAY WITH LARGE QUANTITIES OF WATER.

Neutralizing Agent:NONE APPLICABLE FOR THIS MATERIAL

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE, HEAT AND IGNITION SOURCES. KEEP CONTAINERS CLOSED.

Other Precautions:MATERIAL IS FLAMMABLE. KEEP AWAY FROM HEAT SOURCES AND OXIDIZERS.

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

Respiratory Protection:USE A NIOSH/MSHA APPROVED ORGANIC VAPOR RESPIRATOR IN CONFINED OR NON-VENTILATED AREAS.

Ventilation:LOCAL AND MECHANICAL(GENERAL) RECOMMENDED. USE EXPLOSION-PROOF VENTILATION EQUIPMENT/MOTORS.

Protective Gloves:RUBBER, NEOPRENE, VINYL

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED/REPEATED CONTACT FOR TASK AT HAND.

Work

Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NONE

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

HCC:F3

Boiling Pt.=86.7C, 188.F

Spec Gravity:1.0

Evaporation Rate & Reference:>1 (WATER = 1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS TO LIGHT STRAW COLORED LIQUID. ALCOHOLIC ODOR.

Percent Volatiles by Volume:100

===== Stability

and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid: HIGH TEMPERATURES, SPARKS, OPEN FLAMES

Hazardous Decomposition Products: INCOMPLETELY BURNED CARBON PRODUCTS,
CARBON DIOXIDE, CARBON MONOXIDE

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

Waste Disposal Methods: RECLAIM IF AT ALL POSSIBLE. REMOVE TO APPROVED
HAZARDOUS WASTE FACILITY FOR DISPOSAL. DISPOSE OF BY INCINERATION
IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL

REGULATIONS.

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