

OCTAGON PROCESS INC. -- MIL-L-7870 B,1000190 -- 9150-00-263-3490

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Product Identification
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Product ID:MIL-L-7870 B,1000190

MSDS Date:02/09/1995

FSC:9150

NIIN:00-263-3490

MSDS Number: BSHJM

=== Responsible Party ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020

Country:US

Info Phone Num:201-313-1187

Emergency Phone Num:201-945-9400/800-424-9300

(CHEMTREC)

Preparer's Name:J. J. BURGARD

CAGE:82925

=== Contractor Identification ===

Company Name:AMERICAN INK AND OIL CORP

Address:33 ENDICOTT STREET

Box:City:NORWOOD

State:MA

ZIP:02062-3006

Country:US

Phone:781-762-0026 / FAX: 781-762-1617

Contract Num:SP0450-97-M-N871

CAGE:82956

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 Na

me:MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED LIGHT
NAPHTHENIC

CAS:64742-53-6

RTECS #:PY8036000

Fraction by Wt: UNK

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:SODIUM PETROLEUM SULFONATE

CAS:68608-26-4

Fraction by Wt: UNK

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:TRADE SECRET REGISTRY #29943300001-5207P

Fraction by Wt: UNK

Other REC Limits:NONE RECOMMENDED

Ingred

Name:TRADE SECRET REGISTRY #29943300001-5209P

Fraction by Wt: UNK

Other REC Limits:NONE RECOMMENDED

Ingred Name:TRADE SECRET REGISTRY #29943300001-5210P

Fraction by Wt: UNK

Other REC Limits:NONE RECOMMENDED

Ingred Name:FORMALDEHYDE (SARA III)

CAS:50-00-0

RTECS #:LP8925000

Fraction by Wt: 0.005%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:SEE 1910.1048

ACGIH TLV:C 0.3 PPM; A2; 9394

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

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

LD

50 LC50 Mixture:TLV FOR OIL MIST IS 5 MG/M3.

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

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, RESPIRATORY TRACT. ACUTE- MAY CAUSE EYES & SKIN IRRITATION. PROLONGED/REPEATED SKIN CONTACT CAUSES DERMATITIS, DEFATTING. INHALATION OF VAPORS/OIL MIST MAY CAUSE IRRITATION. I NGESTION MAY CAUSE PAIN. ASPIRATION HAZARD. CHRONIC- MAY CAUSE DISORIENTATION, DERMATITIS, HEADAC

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WITH POSSIBLE COMA.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, SKIN AND EYE REDNESS, STINGING OF EYES, DEFATTING OF SKIN, DERMATITIS, BURNING SENSATION IN THE CHEST, RAPID BREATHING, HEADACHES, DISORIENTATION, COMA, ABDOMINAL PAIN, NAUSEA, VOMITING, D IARRHEA

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN AND RESPIRATORY DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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First Aid

Measures =====

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WIPE OFF EXCESS. WASH SKIN WITH SOAP & WA TER. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, RINSE MOUTH & DRINK 4-8 OZ OF WATER. SEEK IMMEDIATE MEDICAL ATTENTION. IF SPONTANEOUS VOMITING OCCURS, MONITOR FOR BREATHING DIFFICULTY.

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Fire Fighting Measures

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Flash Point Method:COC

Flash Point:316F,158C

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM/DRY CHEMICAL. DO NOT USE A DIRECT STREAM OF WATER. PRODUCT MAY FLOAT & REIGNITE.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:CONTAINER MAY BURST. CAN FORM TOXIC GASES.

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Accidental Release

Measures =====

Spill Release Procedures:VENTILATE AREA. RECOVER FREE OIL IF POSSIBLE.
ABSORB SPILL WITH INERT MATERIAL SUCH AS SAND, CLAY, EARTH &
SHOVELD INTO CONTAINERS FOR LATER DISPOSAL. PREVENT RUN-OFF TO
ENTER WATERWAYS, SEWERS. ALL R ESPONSE ACTIVITIES MUST COMPLY WITH
HAZWOPER.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, DRY PLACE AWAY FROM
HEAT, F

LAME & STRONG OXIDANTS. KEEP CONTAINERS CLOSED WHEN NOT IN
USE. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH
THOROUGHLY AFTER HANDLING. WATER CONTAMINATION SHOULD BE AVOIDED.
AVOID BREATHING OIL MIST. DISCARD LUBRICANT-SOAKED SHOES. REMOVE
LUBRICANT-SOAKED CLO THING AND LAUNDER BEFORE RE-USE.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF EXPOSURE MAY OR D
OES

EXCEED OCCUPATIONAL EXPOSURE LIMITS, WEAR A NIOSH-APPROVED ORGANIC
VAPOR RESPIRATOR.

Ventilation:USE ADEQUATE VENTILATION TO KEEP OIL MISTS OF THIS MATERIAL
BELOW APPLICABLE STANDARD(S).

Protective Gloves:NITRILE OR NEOPRENE

Eye Protection:SAFETY GLASSES, FACE SHIELD RECOMMENDED

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.
INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDED
PROCEDURES.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN.

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

HCC:V6

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:480F,249C

Spec Gravity:0.89

Solubility in Water:NEGLIGIBLE

Appearance and Odor:YELLOW OIL - CHARACTERISTIC ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS SUCH AS LIQUID

CHLORINE, PURE OXYGEN,
SODIUM/CALCIUM HYPOCHLORITES

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

Hazardous Decomposition Products: MAY PRODUCE FUMES, SMOKE, CARBON MONOXIDE, CARBON DIOXIDE, ALDEHYDES AND OTHER DECOMPOSITION PRODUCTS.

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

Waste Disposal Methods: DISPOSE OF WASTE IN COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS. RCRA EMERGENCY NUMBER: 800-424-9346.

DO NOT CONTAMINATE ANY LAKES, STREAMS, PONDS OR UNDERGROUND WATER SUPPLY. INCINERATION IS RECOMMENDED.

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