

OCTAGON PROCESS INC. -- MIL-L-6081 C (ASG) AM II GRADE 1010 -- 9150-00-273-8807
===== Product Identification =====

Product ID:MIL-L-6081 C (ASG) AM II GRADE 1010

MSDS Date:09/01/1994

FSC:9150

NIIN:00-273-8807

MSDS Number: BVWWV

=== 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:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

Box:City:EDGEWATER

State:NJ

ZIP:07020

Country:US

Phone:201-945-9400

CAGE:82925

===== Composition/Information on Ingredients =====

Ingred Name:MINERAL OIL/HYDROTREATED LIGHT NAPHTHENIC DISTILLATE,
PETROLEUM

CAS:64742-53-6

RTECS #:PY8036000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

AC

GIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:PETROLEUM OIL/SOLVENT TREATED LIGHT PARAFFINIC DISTILLATE,
PETROLEUM

CAS:64741-89-5

RTECS #:PY8041500

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 OIL MIST

ACGIH TLV:5 MG/M3 OIL MIST

Ingred Name:MINERAL OIL (EXPOSURE REGULATED AS 'OIL MIST')/NEUTRAL OIL

CAS:8012-95-1

RTECS #:PY8030000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3 (MIST); 9394

Ingred Name:ACRYLIC COPOLYMERS

Other REC Limits:NONE RECOMMENDED

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

LD50 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:SKIN, EYES, RESPIRATORY
TRACT. ACUTE & CHRONIC- EYES:MAY CAUSE IRRITATION & TEARING.

SKIN:MAY CAUSE IRRITATION & REDNESS. REPEATED/PROLONGED CONTACT MAY
CAUSE CONTACT DERMATITIS. INHALE: MAY CAUSE RESPIRATORY TRACT
IRRITATION.

ORAL:MAY CAUSE GI TRACT IRRITATION. ASPIRATION MAY CAUSE
PULMONARY INJURY/DEATH.

Explanation of Carcinogenicity:WARNING! USED MOTOR OILS WERE SHOWN TO
CAUSE SKIN CANCER WHEN REPEATEDLY APPLIED TO MICE WITHOUT CLEANING
SKIN.

Effects of Overexposure:EYES, SKIN, RESPIRATORY AND GASTROINTESTINAL
TRACTS IRRITATION; EYE REDNESS, TEARING AND STINGING SENSATION

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:R

REMOVE TO FRESH

AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. GET MEDICAL ATTENTION. IF CONSCIOUS, DRINK 4-8 OZ OF WATER TO DILUTE.

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

Flash Point:315F,157C

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

OR FOAM MAY CAUSE FROTHING. NEVER POUR WATER OVER HOT, BURNING OIL.

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

Unusual Fire/Explosion Hazard:MAY FORM CARBON MONOXIDE, CARBON DIOXIDE, ALDEHYDES, SULFUR DIOXIDE, FUMES, SMOKE AND OTHER DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:STOP LEAK. RECOVER FREE PRODUCT. WIPE UP/ABSORB ON SUITABLE MATERIAL SUCH AS SAND, CLAY, EARTH AND SHOVEL INTO CONTAINERS. PREVENT RUN-OFF TO ENTER SEWERS OR WATERWAYS. ADVISE EPA OR STATE AGENCY IF REQUIRED. COMPLY WITH HAZWOPER (29CFR 1910.120).

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE AWAY FROM INCOMPATIBLE MATERIALS. KEEP CONTAINER CLOSED.

Other Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE. ALL PRECAUTIONS SHOULD BE OBSERVED. WASH THOROUGHLY AFTER HANDLING. KEEP OUT OF REACH OF CHILDREN. AVOID BREATHING MISTS/VAPORS. AVOID REPEATED SKIN CONTACT. DO NOT GET IN EYES. DO NOT INGEST.

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

Respiratory Protection:NON REQUIRED UNDER NORMAL CONDITIONS. IF HIGH VAPOR OR MIST CONCENTRATIONS EXPECTED, USE NIOSH APPROVED CHEMICAL CARTRIDGE RESP

IRATOR FOR ORGANIC VAPORS AND MISTS. REFER TO 29 CFR
1910.134.

Ventilation:ADEQUATE TO MEET PERMISSIBLE CONCENTRATIONS

Protective Gloves:NITRILE

Eye Protection:CHEMICAL SAFETY GLASSES OR GOGGLES

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. DO NOT WEAR CONTAMINATED CLOTHING OR
FOOTWEAR.

Supplemental Safety and Health
FOR

MULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN. ALL
USERS SHOULD CONSULT MSDS BEFORE HANDLING THIS MATERIAL. USE IN
WELL VENTILATED AREA. LAUNDRY CONTAMINATED CLOTHING BEFORE RE-USE.
DISPOSE OF OIL SOAKED SHOES. PRODUCT IS READILY REMOVED WITH
WATERLESS HAND CLEANERS, FOLLOWED BY SOAP AND WATER.

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

HCC:T6

NRC/State Lic Num:NOT RELEVANT

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

Spec Gravity:0.87

Solubility in W

ater:NEGLIGIBLE

Appearance and Odor:CLEAR LIQUID - FAINT PETROLEUM HYDROCARBON ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS SUCH AS LIQUID CHLORINE, CONCENTRATED OXYGEN,
HYPOCHLORITES, ETC.

Stability Condition to Avoid:OPEN FLAMES, SPARKS, STATIC ELECTRICITY

Hazardous Decomposition Products:MAY FORM CARBON MONOXIDE, CARBON
DIOXIDE, ALDEHYDES, SULFUR DIOXIDE, FUMES, SMOKE AND OTHER
DECOMPO
SITION PRODUCTS.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL STATE AND
FEDERAL REGULATIONS. PRODUCT IS AN OIL. SPILLS TO US SURFACE WATERS
OR WATERCOURSE OR SEWER THAT CAUSE A VISIBLE SHEEN MUST BE REPORTED
TO THE NATIONAL RESPONSE CENTER.

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