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OCTAGON PROCESS INC. -- MIL-I-27686E INHIBITOR, ICING, FUEL SYSTEMS -- 6850-00-060-5312

Product ID:MIL-I-27686E INHIBITOR, ICING, FUEL SYSTEMS

MSDS Date:08/04/1989

FSC:6850

NIIN:00-060-5312

MSDS Number: BCWQS === 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

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

Ingred Name:2-METHOXYETHANOL (EGME) (SARA III)

CAS:109-86-4

RTECS #:KL5775000 Fraction by Wt: >95% Other REC Limits:NONE OSHA PEL:S, 25 PPM ACGIH TLV:S, 5 PPM; 9192

RTECS #:9999999ZZ

Ingred Name: 2,6 DITERTIA

RY BUTYL,4-METHYLPHENOL;OR 2,4 DIMETHYL,6-TERTIARY BUTYLPHENOL; OR RTECS #:9999999ZZ

Ingred Name:2,6 DITERTIARY BUTYLPHENOL; OR MIXED TERTIARY BUTYLPHENOL COMPOSITION)
RTECS #:9999992Z

Ingred Name: ANTIOXIDANT, (RANGE 50-150 PPM) SEE ABOVE FOR OPTIONS PERMITTED BY SPEC.

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

LD50 LC50 Mixture:LD50 (ORAL RAT) = 2460 MG/KG Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC

:NO OSHA:NO

Health Hazards Acute and Chronic:EYE/SKIN/RESPIRATORY TRACT:

IRRITATION. EXPOSURE CAN CAUSE CONJUNCTIVISIS, RENAL DISORDER. CHRONIC EXPOSURE MAY CAUSE INJURY TO BONE MARROW AND BLOOD CELLS, KIDNEY, LIVER, AND TESTES. WOMEN OF CHIL DBEARING POTENTIAL SHOULD CONSULT THEIRPHYSICIANS AND LIMIT EXPOSURE.

Explanation of Carcinogenicity: THIS MATERIAL IS NOT LISTED AS A CARCINOGEN BY NTP, IARC, OSHA.

Effects of Overexposure:IRRITATION OF EYE, SKIN, AND RESPIRATORY TRACT

MATERIAL MAY CAUSE HEADACHE, DIZZINESS, INCOORDINATION, PROSTRATION AND DEATH. INHALATION MAY CAUSE LOSS OF APPETITE, TREMORS, FATIGUE. Medical Cond Aggravated by Exposure:EYE/SKIN/RESPIRATORY DISORDERS SUCH AS ASTHMA MAY BE AGGRAVATED.

First Aid:SKIN:WASH W.SOAP & H\*2O EYES:FLUSH W. H\*2O. INGESTED:GIVE 2 GLASSES H\*2O; INDUCE VOMITING.CALL A PHYSICIAN. INHALE:REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEED.

KEEP WARM & QUIET. REMOVE

CONTAMINATED CLOTHING. IF UNCONS DO NOT TAKE ANYTHING BY MOUTH.

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

Flash Point Method:TCC Flash Point:103F,39C

Autoignition Temp: Autoignition Temp Text: 545F

Lower Limits:1.8 Upper Limits:14

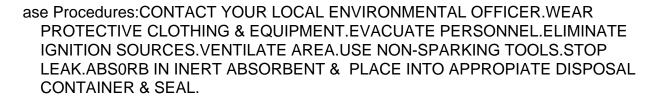
Extinguishing Media:SM:CO\*2, DRY CHEM. LG:H\*2O SPRAY,FOG OR FOAM

Fire Fighting Procedures: NONE

Unusual Fire/Explosion Hazard:NONE

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

Spill Rele



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

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED PLACE,AWAY FROM HEAT,IGNITION SOURCES AND INCOMPATIBLE MATERIALS.KEEP CONT

AINERS CLOSED WHEN NOT IN USE.

Other Precautions:PREVENT SKIN AND EYE CONTACT.AVOID BREATHING VAPORS OR AEROSOLS.SHOWERING AT THE END OF THE WORK SHIFT IS STRONGLY RECOMMENDED.WORK CLOTHES SHOULD BE LAUNDERED DAILY.

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

Respiratory Protection:NIOSH/MSHA RESPIRATOR WITH CARTRIDGE APPROPIATE FOR EXPOSURE OF CONCERN OR SCBA IF TLV IS EXCEEDED.

Ventilation:SUFFICIENT LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW

TLV.

Protective Gloves:PVC, NITRILE.

Eye Protection: CHEMICAL TIGHT GOGGLES.

Other Protective Equipment: FULL WORK CLOTHING TO PREVENT REPEATED OR PROLONGED SKIN CONTACT. EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices: AVOID CONTACT WITH EYES & SKIN.DO NOT BREATHE VAPORS. WASH THOROUGHLY AFTER HANDLING. LAUNDER CONTAMINATED CLOTHING.

Supplemental Safety and Health

CONTINUES FROM HEALTH HAZARDS: ANIMAL STUDIES HAVE SHOWN THAT THIS MATERIAL CAN INDUCE MALFORMED OFFSPRING, MO

RPHOLOGICAL CHANGES IN

THE TESTES,BONE MARROW INJURY AND FUNCTIONAL REPRODUCTIVE IMPAIRMENT.

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

HCC:F4

Boiling Pt:B.P. Text:256F,124C

Melt/Freeze Pt:M.P/F.P Text:-121F,-85C

Vapor Pres:6.17

Vapor Density: 2.62 AIR=1

Spec Gravity: 0.9663

Evaporation Rate & Description Rate & Reference: 0.62 (N-BUTYL ACETATE=1)

Solubility in Water: COMPLETE

Appearance and Odor: WATER-WHITE LIQUID; MILD AND CHARACTERISTIC ODOR

Percent Volatiles by Volume:100

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:HEAT, IGNITION SOURCES
Hazardous Decomposition Products:CO*2, CO, TOXIC OXIDES.

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

Waste Disposal Methods:KEEP IN COVERED DRUMS PENDING DISPOSAL.CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER FOR DISPOSAL.DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE A ND LOCAL

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

**ENVIRONMENTAL REGULATIONS.** 

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