

OCTAGON PROCESS INC. -- MIL-E-1439D AM 1; EMBALMING FLUID, CAVITY -- 9930-00-935-3639

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Product Identification
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Product ID:MIL-E-1439D AM 1; EMBALMING FLUID, CAVITY

MSDS Date:04/24/1990

FSC:9930

NIIN:00-935-3639

MSDS Number: BFXMD

=== Responsible Party ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020-1105

Country:US

Info Phone Num:201-945-940

0

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

Preparer's Name:IRIS CHARMS

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:FORMALDEHYDE (SARA III)

CAS:50-00-0

RTECS #:LP8925000

Fraction by Wt: 65%

OSHA PEL:SEE 1910.1048

ACGIH TLV:C 0.3 PPM; A2; 9293

EPA Rpt Qty:100 LBS

DO

T Rpt Qty:100 LBS

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

CAS:67-56-1

RTECS #:PC1400000

Fraction by Wt: 32%

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: 3%

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

LD50 LC50 Mixture:ORAL RAT LD50 = 800 MG/KG

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

Reports of Carcinogenicity:NTP:YES IAR

C:YES OSHA:NO

Health Hazards Acute and Chronic:ACUTE:POISONOUS IF SWALLOWED.SEVERE IRRITATION & INFLAMMATION OF MOUTH,THROAT & STOMACH.MODERATE INJURY TO SKIN.IRREVERSIBLE EYE BURNS. CHRONIC:SEVERE STOMACH PAIN,LOSS OF CONSCIOUSNESS,BLINDNESS,STUP OR,NAUSEA,VOMIT,SEVERE ILLNESS,POSSIBLEDEATH.PNEUMONIA,FLUID IN LUNGS.DRYING,CRACKING,SCALING,HARDENING OF SKIN.

Explanation of Carcinogenicity:FORMALDEHYDE IS LISTED UNDER NTP, IARC AND OSHA. FORMALDEHYDE IS MUTAGENIC.

Effect

s of Overexposure:COUGHING, DIFFICULTY IN BREATHING. MAY CAUSE SENSITIZATION OF RESPIRATORY SYSTEM. REDDENING AND SWELLING OF SKIN. VAPOR CAUSES IRRITATION, TEARING AND BURNING SENSATION TO EYE.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH A HISTORY OF SKIN OR RESPIRATORY DISEASES MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYES:FLUSH WITH WATER FOR AT LEAST 15 MINUTES.IF IRRITATION PERSISTS,

SEE DOCTOR. SKIN:WASH WITH MILD SOAP AND WATER.REMOVE
CONTAMINATED CLOTHING.IF IRRITATION PERSISTS,SEE DOCTOR.
INHALATION:REMOVE TO FRESH AIR.GIVE OXYGEN/CPR IF NEEDED.GET
IMMEDIATE MEDICAL ATTENTION. INGESTION:GIVE 2 GLASSES OF
WATER.INDUCE VOMIT.SEE DOCTOR IMMEDIATELY.NOTHING BY MOUTH IF
UNCONSCIOUS.

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

Flash Point Method:TCC

Flash Point:116F,47C

Lower Limits:7.0

Upper Limits:73.0

Extinguishing Media:USE C

ARBON 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:VAPORS HEAVIER THAN AIR.CAN TRAVEL A LONG
DISTANCE ALONG GROUND TO IGNITION SOURCE AND FLASHBACK. DO NOT GET
INTO WATERCOURSES.

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

Spill Release Pro

cedures:TAKE UP WITH SAND OR OTHER ABSORBENT MATERIAL.

APPLY UNIVERSAL GELLING AGENT TO IMMOBILIZE SPILL AS REQUIRED.
VENTILATE AND EVACUATE AREA. ELIMINATE ALL SOURCES OF IGNITION.
NEUTRALIZE & WASH RESIDUE WITH WATER. PLACE INTO DISPOSAL
CONTAINER.

Neutralizing Agent:CEMENT POWDER OR FLY ASH

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED
AREA AWAY FROM IGNITION SOURCES. KEEP CONTA
INER CLOSED WHEN NOT IN
USE. PROTECT AGAINST PHYSICAL DAMAGE.

Other Precautions:MAY BE IGNITED BY HEAT, SPARKS OR FLAMES. CONTAINER
MAY EXPLODE IN HEAT OF FIRE. VAPOR EXPLOSION HAZARD INDOORS,
OUTDOORS OR IN SEWERS. RUN-OFF TO SEWER MAY CREATE FIRE OR
EXPLOSION HAZARD.

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

Respiratory Protection:SELECT NIOSH/MSHA APPROVED RESPIRATOR BASED ON
CONTAMINATION LEVELS FOUND IN THE WORK PLACE USING NIOSH POCKET
GU

IDE TO CHEMICAL HAZARDS. SELF-CONTAINED BREATHING APPARATUS IS RECOMMENDED FOR MOST CAS ES.

Ventilation:PROVIDE LOCAL EXHAUST OR PROCESS ENCLOSURE VENTILATION TO MEET THE PUBLISHED EXPOSURE LIMITS. USE EXPLOSION-PROOF EQUIP.

Protective Gloves:BUTYL OR NITRILE RUBBER.

Eye Protection:SPLASH PROOF SAFETY GOGGLES/FACESHIELD.

Other Protective Equipment:PROTECTIVE CLOTHING AND EQUIPMENT TO PREVENT ANY POSSIBILITY OF SKIN CONTACT. EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:WA

SH THOROUGHLY AFTER USE AND BEFORE EATING OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

THIS MATERIAL CONTAINS METHANOL WHICH MAY CAUSE BLINDNESS AND/OR DEATH IF INGESTED.

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

HCC:T4

Boiling Pt:B.P. Text:200F,93C

Vapor Pres:67-88

Vapor Density:1.03

Spec Gravity:1.01

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR TO STRAW COLORED LIQUID, STRONG PUNGENT ODOR.

Percent Volatile

s by Volume:99

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

Stability Indicator/Materials to Avoid:YES

CAUSTIC SODA, SODA ASH, AND OTHER ALKALIES, ALKALI METALS, AMINES, ACIDS, OXYGEN, STRONG OXIDIZING AGENTS.

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

Hazardous Decomposition Products:CARBON MONOXIDE.

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

Waste Disposal Methods:DISPOSE I/A/W ALL APPLICABLE FEDERAL, STATE & LOCAL REGULATIONS. INCINERATION RECOMMENDED.

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