

OCTAGON PROCESS INC. -- 5008001, SD3A ALCOHOL -- 6810-00-201-0906
===== Product Identification =====

Product ID:5008001, SD3A ALCOHOL
MSDS Date:03/30/1998
FSC:6810
NIIN:00-201-0906
Status Code:A
MSDS Number: CKVHW
=== Responsible Party ===
Company Name:OCTAGON PROCESS INC.
Address:596 RIVER ROAD
City:EDGEWATER
State:NJ
ZIP:07020
Country:US
Info Phone Num:201-945-9400
Emergency Phone Num:201-417-1
056
Resp. Party Other MSDS Num.:00063
Preparer's Name:J. J. BURGARD
Chemtrec Ind/Phone:(800)424-9300
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:ETHYL ALCOHOL (ETHANOL)
CAS:64-17-5
RTECS #:KQ6300000
= Wt:95.
OSHA PEL:1900 MG/M3;1000 PPM
ACGIH TLV:1880 MG/M3;1000 PPM

Ingred Name:

METHYL ALCOHOL (METHANOL)

CAS:67-56-1

RTECS #:PC1400000

= Wt:5.

OSHA PEL:260 MG/M3;200 PPM

ACGIH TLV:262 MG/M3;200 PPM

ACGIH STEL:328 MG/M3;250 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:NOT PROVIDED BY MANUFACTURER

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:HIGHLY FLAMMABLE! EYE: WILL CAUSE IRRITATION

AND CHEMICAL CONJUNCTIVITIS. MAY CAUSE OPTIC NERVE

DAMAGE. SKIN: MAY CAUSE DRYING AND DEFATTING OF SKIN. PROLONGED AND/OR REPEATED CONTACT WILL CAUSE CONTACT DERMATITIS. INHALATION: WILL CAUSE IRRITATION TO THE NOSE AND UPPER RESPIRATORY TRACT.

INGESTION: WILL CAUSE GIDDINESS, HEADACHE, NAUSEA AND CNS DEPRESSION. MAY CAUSE KIDNEY AND LIVER DAMAGE. MAY CAUSE BLINDNESS AND POSSIBLY DEATH IF INGESTED.

Explanation of Carcinogenicity:NOT PROVIDED BY MANUFACTURER

Effects of O

verexposure:INGESTION: WILL CAUSE GIDDINESS, HEADACHE,

NAUSEA & CNS DEPRESSION. MAY CAUSE KIDNEY & LIVER DAMAGE. MAY CAUSE BLINDNESS & POSSIBLY DEATH IF INGESTED.

Medical Cond Aggravated by Exposure:NO DATA AVAILABLE

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

First Aid:EYE: FLOOD WITH WATER FOR AT LEAST 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER. IF IRRITATION OCCURS AND PERSISTS, GET MEDICAL ATTENTION. INHALATION: MOVE VICTIM

TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF BREATHING HAS STOPPED, ADMINISTER ARTIFICIAL RESPIRATION (MOUTH TO MOUTH IS PREFERRED) IF TRAINED - GET IMMEDIATE MEDICAL ATTENTION. INGESTION: ADMINISTER 4-8 OZ. OF WATER AND INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:=-12.8C, 55.F

Lower Limits:3.3

Upper Limits:19

Extinguishing Media:WATER SPRAY OR

FOG, FOAM, DRY CHEMICAL OR CO2.

Fire Fighting Procedures:KEEP UNPROTECTED PERSONNEL AWAY FROM FIRE ZONE. USE NIOSH-APPROVED SCBA & FULL BUNKER GEAR. KEEP FIRE EXPOSED CONTAINERS COOL WITH LARGE AMOUNTS OF WATER SPRAY.

Unusual Fire/Explosion Hazard:CONTAINERS EXPOSED TO DIRECT FLAME CONTACT SHOULD BE COOLED WITH LARGE QUANTITIES OF WATER TO PREVENT WEAKENING OF CONTAINER STRUCTURE & POSSIBLE RUPTURING OF CONTAINERS. THIS MATERIAL IS HIGHLY FLAMMABLE !

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Accidental Release Measures =====

Spill Release Procedures:EVACUATE AREA. ISOLATE ALL IGNITION SOURCES. DIKE & CONTAIN SPILL. DO NOT ALLOW SPILL TO ENTER DRAINS, SEWERS OR WATERWAYS. RECOVER FREE-LIQUID. ABSORB REMAINING PRODUCT WITH INERT MATERIAL & PLACE IN TO PROPER CONTAINERS FOR DISPOSAL. COMPLY WITH ALL SPILL NOTIFICATION REGULATIONS. ALL RESPONSE ACTIVITIES MUST COMPLY WITH HAZWOPER (29CFR 1910.120).

Neutralizing Agent:NOT PROVIDED BY MANUFACTURER

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Handling and Storage =====

Handling and Storage Precautions:ISOLATE ALL ENERGY & IGNITION SOURCES. GROUND ALL EQUIPMENT. STORE IN A COLD, DRY PLACE. KEEP AWAY FROM STRONG OXIDIZERS. DO NOT SMOKE WHILE HANDLING THIS PRODUCT!

Other Precautions:FLAMMABLE! NO SMOKING! DO NOT DRINK - MAY CAUSE BLINDNESS OR DEATH! USE EXPLOSION-PROOF MOTORS. USE NON-SPARKING TOOLS. GROUND ALL EQUIPMENT. ISOLATE IGNITION SOURCES.

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Exposure Controls/Personal Protection =====

Respiratory Protection:IF WORKING IN A CONFINED AREA OR RECOMMENDED PERMISSABLE EXPOSURE LIMITS (PEL) MAY OR ARE EXCEEDED, USE NIOSH APPROVED RESPIRATORY PROTECTION (REFER TO 29CFR 1910.134)

Ventilation:LOCAL EXHAUST: RECOMMENDED. MECHANICAL (GENERAL): FAN. SPECIAL: EXPLOSION-PROOF.

Protective Gloves:RUBBER OR NEOPRENE

Eye Protection:ALWAYS WEAR SAFETY GLASSES OR GOGGLES

Other Protective Equipment:PROVIDE LOCAL EMERGENCY SHOWERS & EYE WASH STATIONS.

USE FORCED VENTILATION TO MINIMIZE VAPOR CONCENTRATIONS
IN THE WORK PLACE.

Work Hygienic Practices:WASH HANDS & FACE AFTER HANDLING PRODUCT.
LAUNDRY CONTAMINATED CLOTHING BEFORE RE-USE.

Supplemental Safety and Health
NOT PROVIDED BY MANUFACTURER

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

HCC:F5
Boiling Pt:>73.9C, 165.F
Vapor Pres:48 (MMHG)
Vapor Density:1.4 (AIR=1)
Spec Gravity:0.81 (WATER=1)
Evaporation Rate & Reference:1.4 (BUTYL ACETATE=1)
Solubility in
Water:COMPLETE
Appearance and Odor:COLORLESS, CLEAR LIQUID, ALCOHOL ODOR
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS
Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAME & CONTACT WITH
STRONG OXIDIZERS
Hazardous Decomposition Products:NONE

===== Toxicological Information =====

Toxicological Information:NOT PROVIDED BY MANUFACTURER

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===== Ecological Information =====

Ecological:NOT PROVIDED BY MANUFACTURER

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

Waste Disposal Methods:DISPOSE OF WASTE IN COMPLIANCE WITH LOCAL, STATE
& FEDERAL REGULATIONS. RECYCLE WASTE WHERE APPLICABLE. WASTE MAY BE
CLASSIFIED AS D001 (FLAMMABLE) UNDER RCRA

===== MSDS Transport Information =====

Transport Information:NOT PROVIDED BY MANUFACTURER

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== Regulatory Information =====

SARA Title III Information:METHYL ALCOHOL, CAS# 67-56-1, 5% IS REGULATED UNDER SARA III SECTION 313 SUPPLIER NOTIFICATION REQUIREMENTS.

Federal Regulatory Information:ALL COMPONENTS ARE LISTED ON THE TSCA INVENTORY.

State Regulatory Information:NEW JERSEY RIGHT-TO-KNOW INFORMATION: 64-17-5, ETHYL ALCOHOL; 67-56-1, METHYL ALCOHOL (5%).

===== Other Information =====

Disclaimer (provided with this information by the compiling agencies):
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