

OCTAGON PROCESS INC. -- ISOPROPYL ALCOHOL -- 6810-01-220-9907

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Product Identification
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Product ID:ISOPROPYL ALCOHOL

MSDS Date:10/07/1985

FSC:6810

NIIN:01-220-9907

MSDS Number: BJYMQ

=== 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

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= 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:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

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Hazards Identification
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LD50 LC5

0 Mixture:ORAL LD50 (RAT) = 5840 MG/KG

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

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

Health Hazards Acute and Chronic:ACUTE: OVEREXPOSURE MAY LEAD TO CNS DEPRESSION, LEADING TO HEADACHES AND DIZZINESS. EYE: MAY LEAD TO IRRITATION AND WILL INJURE EYE TISSUE IF NOT REMOVED PROMPTLY. SKIN: NO HEALTH HAZARD FROM ABSORPTION OR EXPOSURE. INGESTION: SLIGHT HEALTHHAZARD. CHRONIC: PROLONGED EXPOSURE CAN BE IRRITATING TO MUCOUS MEMBRANES.

COUS MEMBRANES.

Explanation of Carcinogenicity:THIS CHEMICAL IS NOT LISTED AS HAVING ANY EVIDENCE OF BEING CARCINOGENIC.

Effects of Overexposure:OVEREXPOSURE MAY LEAD TO DIZZINESS, SHORTNESS OF BREATH, HEADACHES, VOMITING, DERMATITIS AND EYE IRRITATION (BURNING AND TEARING). HIGH VAPOR CONCENTRATIONS ARE ANESTHETIC AND MAY HAVE OTHER CENTRAL NERVOUS SYSTEM EFFECTS. CHRONIC SKIN EXPOSURE MAY LEAD TO DEFATTING OF TISSUE AND DERMATITIS.

Medical Cond Aggravated by Exposure:PERSONS WITH EYE, SKIN, HEART,

RESPIRATORY, OR ANY OTHER MEDICAL CONDITION SHOULD USE CAUTION WHEN HANDLING OR USING THIS PRODUCT.

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

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION AS REQUIRED. INHALATION: IMMEDIATELY REMOVE VICTIM TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. GET PROMPT MEDICAL ATTENTION. EYE: IMMEDIATELY FLUSH WITH WATER FOR 20 MINUTES WITH EYELIDS HELD OPEN. GET PROMPT MEDICAL ATTENTION. INGESTION: GET PROMPT MEDICAL ATTENTION. DO NOT INDUCE VOMITING.

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

Flash Point Method:TCC

Flash Point:53.0F,11.7C

Lower Limits:2

Upper Limits:12

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. DO NOT USE A DIRECT STREAM OF WATER.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT

NT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE
PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:FIRE HAZARD: ELIMINATE ALL SOURCES OF
IGNITION. EVACUATE AREA. VENTILATE AREA. STOP RELEASE. DIKE TO
CONTAIN SPILL. WEAR PROPER SAFETY EQUIPMENT. IF AMOUNT IS LARGE,
REMOVE LIQUID BY
VACUUM. IF SMALL, ABSORB ON INERT MATERIAL.
DISPERSE RESIDUE.
Neutralizing Agent:DILUTE WITH WATER

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

Handling and Storage Precautions:STORE IN TIGHTLY CLOSED CONTAINERS
AWAY FROM HEAT, SPARKS, OPEN FLAME & STRONG OXIDIZING AGENTS. EMPTY
CONTAINERS MAY CONTAIN FLAMMABLE VAPOR.
Other Precautions:DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL,
GRIND, OR EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS, STATIC
ELECTR
ICITY, OR OTHER SOURCES OF IGNITION. MATERIAL MAY ATTACK SOME
FORMS OF PLASTIC, ALU MINUM, RUBBER AND COATINGS.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED AIR-PURIFYING OR
SUPPLIED AIR RESPIRATOR AS APPROPRIATE.
Ventilation:MECHANICAL(GENERAL) EXHAUST RECOMMENDED. LOCAL OR EXPLOSION
PROOF VENTILATION MAY BE REQUIRED IN SOME CIRCUMSTANCES.
Protective Gloves:CHEMICAL RESISTANT GLOVES.
Eye Protection:CHEMICAL SPLA
SH GOGGLES &/OR FACESHIELD
Other Protective Equipment:EYE WASH STATION & SAFETY SHOWERS SHOULD BE
AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE.
Work Hygienic Practices:WASH HANDS BEFORE EATING, DRINKING, SMOKING, OR
USING TOILET FACILITIES. WASH CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
AVOID VOMITING IN CASES OF OVEREXPOSURE SINCE ASPIRATION INTO LUNGS IS
A POSSIBLE HAZARD. PROPERLY GROUND LARGER DRUMS OF MATERIAL TO
GUARD AGAINST STATIC

ELECTRICITY. PRACTICE GOOD HOUSEKEEPING. POST NO-SMOKING SIGNS. MALTER BULK CHEMICALS IS OUT-OF-BUSINESS SINCE 1989. THIS RECORD PREPARED FROM EXISTING HMIS RECORD

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

HCC:F2

Boiling Pt:=82.2C, 180.F

Melt/Freeze Pt:=-88.3C, -127.F

Vapor Pres:33 @20C

Vapor Density:2.1

Spec Gravity:0.79

Evaporation Rate & Reference:1.4 (N-BUTYL ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:WATER WHITE WITH A RUBBING ALCOHOL ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS. DO NOT STORE OR USE WITH ALUMINUM EQUIPMENT ABOVE 120F

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

Hazardous Decomposition Products:INCOMPLETE COMBUSTION MAY YIELD CARBON MONOXIDE AND OTHER TOXIC GASES

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

Waste Disposal Methods:UNUSED MATERIALS WILL BE A LAND-BANNED HAZARDOUS

WASTE. TREAT/RECYCLE MATERIAL IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

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