

OCTAGON PROCESS INC. -- O-M-232 (LATEST ISSUE) METHANOL -- 6810-00-275-6010

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Product Identification  
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Product ID:O-M-232 (LATEST ISSUE) METHANOL

MSDS Date:07/08/1986

FSC:6810

NIIN:00-275-6010

MSDS Number: BDSHB

=== 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 Nu

m: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

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Composition/Information on Ingredients  
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Ingred Name:METHYL ALCOHOL (METHANOL) (SARA III)

CAS:67-56-1

RTECS #:PC1400000

Fraction by Wt: 99.85%

Other REC Limits:NONE SPECIFIED

OSHA PEL:S,200PPM/250STEL

ACGIH TLV:S,200PPM/250STEL; 93

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 7.5 G/KG

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

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

Health Hazards Acute and Chronic:ACUTE: INGEST-CAN EFFECT THE OPTIC NERVE & CAUSE SEVERE ILLNESS, POSSIBLY DEATH. INHALE-CAN CAUSE UNCONSCIOUSNESS. SKIN-ESSENTIALLY NON IRRITATING. EYE-CAN CAUSE IRRITATION & INJURY. CHRONIC: IRRITATI ON.

Explanation of Carcinog

enicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:INHALE-MAY CAUSE STUPOR, HEADACHE, NAUSEA, DIZZINESS. INGEST-CAN CAUSE MENTAL SLUGGISHNESS, NAUSEA, VOMITING. SKIN-MAY CAUSE DRYING, BRITTLENESS, CRACKING. EYE-CAN CAUSE TEARING & BURNING SENSATION.

Medical Cond Aggravated by Exposure:NONE

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

First Aid:INGEST-IF CONSCIOUS, INDUCE VOMITING. GIVE VI CTIM 2 GLASSES

OF WATER & STICK FINGER DOWN THROAT. CALL A DOCTOR IMMEDIATELY. INHALE-MOVE TO FRESH AIR. IF STOPPED BREATHING, GIVE CPR & OXYGEN IF NEEDED. CALL A DOCTOR. EYES/SKIN-IMMEDIATELY FLUSH AREA WITH PLENTY OF COOL WATER. FLUSH EYES FOR AT LEAST 15 MIN. REMOVE SOILED CLOTHES. CALL A DOCTOR.

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

Flash Point Method:TOC

Flash Point:60.0F,15.6C

Lower Limits:5.5

Upper Limits:36.5

Extinguishing Media:USE CA

RBON DIOXIDE OR DRY CHEMICAL. USE WATER TO COOL FIRE-EXPOSED STRUCTURES AND VESSELS.

Fire Fighting Procedures:WEAR COMPLETE PROTECTIVE EQUIPMENT & SELF CONTAINED BREATHING APPARATUS. USE WATER SPRAY TO REDUCE INTENSITY OF FLAME & TO DILUTE SPILL TO NONFLAMMABLE MIXTURE.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR & CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION & FLASHBACK. MATERIAL WILL BURN WITH LITTLE OR NO VISIBLE FLAME.

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===== Accident

al Release Measures =====

Spill Release Procedures:ELIMINATE IGNITION SOURCES. AVOID EYE/SKIN CONTACT. FLUSH AREA SPARINGLY WITH WATER OR USE AN ABSORBENT. AVOID RUNOFF INTO STORM SEWERS AND DITCHES WHICH LEAD TO NATURAL WATERWAYS.

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

Handling and Storage Precautions:STORE IN COLL, WELL-VENTILATED AREA. DO NOT EXPOSE TO TEMPERATURES ABOVE 49C. KEEP AWAY FROM HEAT, SPARKS & FLAMES. KEEP CONTAINER CLOSED.

Other Precautions:USE ONLY DOT-APPROVED CONTAINERS. USE SPARK-RESISTANT TOOLS. USE WITH ADEQUATE VENTILATION. PROVIDE EMERGENCY EXHAUST. AVOID BREATHING VAPOR.

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

Respiratory Protection:USE FULL-FACE NIOSH APPROVED SCBA OR OTHER AIR-SUPPLYING FULL FACE RESPIRATOR.

Ventilation:LOCAL EXHAUST RECOMMENDED.

Protective Gloves:NEOPRENE OR RUBBER.

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:IMPER

VIOUS PROTECTIVE CLOTHING AND BOOTS. A

SAFETY SHOWER AND EYE BATH SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS BEFORE EATING, DRINKING OR SMOKING.

Supplemental Safety and Health

ENVIRONMENTAL PRECAUTIONS: AVOID UNCONTROLLED RELEASE OF THIS MATERIAL. WHERE SPILLS ARE POSSIBLE, A COMPREHENSIVE SPILL RESPONSE PLAN SHOULD BE DEVELOPED & IMPLEMENTED.

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

HCC:F2

Boiling Pt:B.P. Text:147F,64C

Vapor Pres:96

Vapor D

ensity:1.11

Spec Gravity:0.7925

Evaporation Rate & Reference:2.0, BUTYL ACETATE

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS, MOBILE LIQUID WITH MILD ALCOHOL ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

SULFURIC ACID; OXIDIZING AGENTS SUCH AS HYDROGEN PEROXIDE, NITRIC ACID, PERCHLORIC ACID & CHROMIUM TRIOXIDE.

Stability Condition to Avoid:HEAT, SPARKS, FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE.

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

Waste Disposal Methods:INCINERATE OR BIOLOGICAL TREATMENT IN  
FEDERAL/STATE APPROVED FACILITY IN ACCORDANCE WITH LOCAL, STATE AND  
FEDERAL REGULATIONS.

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