

OCTAGON PROCESS INC. -- TT-X-916B GRADE A XYLENE -- 6810-00-598-6600

===== Product Identification =====

Product ID:TT-X-916B GRADE A XYLENE

MSDS Date:12/17/1991

FSC:6810

NIIN:00-598-6600

MSDS Number: BRDJS

=== Responsible Party ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020-1105

Country:US

Info Phone Num:201-313-1187

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

Preparer's Name:J.J. BURGARD

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:XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM/150 STEL

ACGIH TLV:100 PPM/150STEL;9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

=====

Hazards Identification =====

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

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

Health Hazards Acute and Chronic:ACUTE: CONTACT MAY CAUSE EYE AND SKIN IRRITATION. INHALATION MAY CAUSE UPPER RESPIRATORY SYSTEM IRRITATION AND CENTRAL NERVOUS SYSTEM EFFECTS. INGESTION MAY CAUSE GASTROINTESTINAL IRRITATION AND CENTRAL NERVOUS SYSTEM EFFECTS. ASPIRATION MAY CAUSE LUNG DAMAGE. CHRONIC: DERMATITIS, LIVER AND

KIDNEY DAMAGE.

Effects of Overexposure:EYES: STINGING, TEARING, REDNESS, SWELLING.

SKIN: REDNESS, BURNING, DRYING, CRACKING. INHALATION: NOSE, THROAT AND UPPER RESPIRATORY TRACT IRRITATION, DIZZINESS, DROWSINESS, LOSS OF COORDINATION, FATIGUE. INGESTION: NAUSEA, PAIN, VOMITING, GASTROINTESTINAL IRRITATION, SAME SYMPTOMS AS INHALATION.

Medical Condition Aggravated by Exposure:INDIVIDUALS WITH A HISTORY OF SKIN AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

===

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

First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, SEE DOCTOR. SKIN: WASH WITH MILD SOAP AND WATER. IF IRRITATION DEVELOPS, SEE DOCTOR. INHALATION: REMOVE VICTIM TO FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. SEE DOCTOR. INGESTION: GIVE 1 GLASS OF WATER IF CONSCIOUS, INDUCE VOMITING. SEE DOCTOR IMMEDIATELY.

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

=

Flash Point Method:TCC

Flash Point:81.0F,27.2C

Lower Limits:1.0

Upper Limits:7.0

Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SCBA. WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS SHOULD BE USED CAUTIOUSLY TO AVOID SPREADING FIRE.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

suress =====

Spill Release Procedures:REMOVE PERSONNEL. ELIMINATE IGNITION SOURCES.
VENTILATE AREA. WEAR PROTECTIVE CLOTHING AND EQUIPMENT. ABSORB IN
INERT MATERIAL AND PLACE IN APPROPRIATE DISPOSAL CONTAINER AND
COVER. FLUSH AREA WITH PLE NTY OF WATER.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED
AREA. PROTECT FROM PHYSICAL DAMAGE, HEAT, IGNITION SOURCES AND
INCOMPATIBL
E MATERIALS. KEEP CONTAINERS CLOSED.

Other Precautions:DO NOT RE-USE CONTAINERS. ENFORCE "NO SMOKING" RULES
IN THE STORAGE AND WORK AREAS. GROUND ALL EQUIPMENT. USE
EXPLOSION-PROOF EQUIPMENT BEFORE STARTING ANY REPAIRS. AVOID EYE
AND SKIN CONTACT. DO NOT BREATHE VAPORS.

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

Respiratory Protection:NONE NORMALLY REQUIRED. NIOSH/MSHA-APPROVED
RESPIRATOR OR SCBA AS APPROPRIATE FOR EXPOSURE OF CONCERN.

Ventilation:MECHA
NICAL (GENERAL) VENTILATION OR LOCAL EXHAUST
VENTILATION. USE EXPLOSION-PROOF EQUIPMENT.

Protective Gloves:PVC, NITRILE OR NEOPRENE.

Eye Protection:GOGGLES (AND FACESHIELD IF SPLASHING).

Other Protective Equipment:RUBBER APRON. EYE BATH AND SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health
NONE.

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

HCC:F4

Boi

ling Pt:B.P. Text:284F,140C

Vapor Pres:6.6

Vapor Density:3.7

Spec Gravity:0.87

Evaporation Rate & Reference:0.80 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR, LITTLE IF ANY COLOR, CHARACTERISTIC ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS OR BASES, SELECTED AMINES.

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES A

ND OTHER SOURCES
OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
INCOMPLETELY BURNED CARBON PRODUCTS.

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

Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.
DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL
REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
o

f Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.