

N/P -- MIL-D-81298 B TYPE I,1001520

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MSDS Safety Information  
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FSC: 6820  
NIIN: 00-001-4192  
MSDS Date: 03/18/1998  
MSDS Num: CGDWY  
Product ID: MIL-D-81298 B TYPE I,1001520  
MFN: 02  
Responsible Party  
Cage: 82925  
City: N/P NK 00000  
Emergency Phone Number: 201-417-1056/945-9400 (INFORMA  
TION)  
Chemtrec IND/Phone: (800)424-9300  
Proprietary Ind: Y  
Review Ind: Y  
Published: Y

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Preparer Co. when other than Responsible Party Co.  
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Cage: 82925  
Name: OCTAGON PROCESS INC.  
Address: 596 RIVER ROAD  
City: EDGEWATER NJ 07020

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Contractor Summary  
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Cage: 82925  
Name: OCTAGON PROC  
ESS INC.  
Address: 596 RIVER ROAD  
City: EDGEWATER NJ 07020  
Phone: 201-945-9400

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Item Description Information  
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Item Manager: S9G  
Item Name: DYE,LEAK DETECTION  
Specification Number: MIL-D-81298  
Type/Grade/Class: TYPE I  
Unit of Issue: GL  
UI Container Qty: 0  
Type of Container: METAL CAN IP3

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Ingredients  
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Name: \*\*\* PROPRIETARY \*\*\*  
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Health Hazards Data  
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LD50 LC50 Mixture: LD50 (ORAL, RAT) IS NOT KNOWN.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: TARGET ORGANS: EYES, SKIN, CNS, LIVER, KIDNEYS, LUNGS.

ACUTE AND CHRONIC - EYES: MAY CAUSE STINGING, T

EARING, REDNESS, IRRITATION

AND SWELLING. SKIN: MAY CAUSE REDNESS, BURNING, AND DRYING AND CRACKING OF

SKIN. INHALATION: MAY CAUSE IRRITATION OF THE NOSE, THROAT AND UPPER

RESPIRATORY TRACT. ALSO, MAY CAUSE CNS DEPRESSION (DIZZINESS, DROWSINESS,

LOSS OF COORDINATION AND FATIGUE, ETC.). PROLONGED AND/OR REPEATED BREATHING

OF VAPORS MAY CAUSE LIVER AND/OR KIDNEY DAMAGE. INGESTION: MAY CAUSE NAUSEA,

PAIN, VOMITING AND GI IRRITATION. ALSO MAY CAUSE CNS DEPRESSION. ASPIRATION

INTO LUN

GS MAY CAUSE LUNG INFLAMMATION AND DAMAGE.

Explanation Of Carcinogenicity: NONE

Signs And Symptoms Of Overexposure: IRRITATION, TEARING, REDNESS AND STINGING

OF EYES, DRYING OF SKIN, NAUSEA, VOMITING, DIZZINESS, HEADACHE, DROWSINESS,

WEAKNESS, FATIGUE

Medical Cond Aggravated By Exposure: PERSONS WITH PRE-EXISTING SKIN DISORDERS

OR RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS

PRODUCT.

First Aid: EYE: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN.

CALL PHYSICIAN IMMEDIATELY. SKIN: WASH WITH MILD SOAP & WATER. IF

IRRITATION DEVELOPS AND PERSISTS, GET MEDICAL ATTENTION. INHALATION: MOVE

VICTIM TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. INGESTION: IF CONSCIOUS,

DRINK 4-8 OZ OF WATER AND INDUCE VOMITING. CALL A PHYSICIAN/POISON CONTROL

CENTER IMMEDIATELY. NEVER GIVE FLUID OR INDUCE VOMITING IF PATIENT IS

UNCONSCIOUS OR HAS CONVULSIONS.

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Handling and Disposal  
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Spill Release Procedures: WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH. TRANSFER TO PROPER CONTAINER FOR DISPOSAL. PREVENT LIQUID FROM ENTERING SEWERS OR WATERWAYS.

Neutralizing Agent: NOT RELEVANT

Waste Disposal Methods: DISPOSAL MUST BE MADE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. INCINERATION IS RECOMMENDED.  
HAZ

ARDOUS WASTE NUMBER: D001 UNDER RCRA

Handling And Storage Precautions: STORE IN COOL, VENTILATED AREA, AWAY FROM SOURCES OF IGNITION AND OXIDIZING AGENTS. USE EXPLOSION-PROOF EQUIPMENT. GROUND ALL EQUIPMENT.

Other Precautions: FLAMMABLE! DO NOT SMOKE IN STORAGE/WORK AREA. AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING. REMOVE CONTAMINATED CLOTHING PROMPTLY. LAUNDRY BEFORE REUSE. KEEP OUT OF REACH OF CHILDREN.

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Fire and Explosion Hazard Information  
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Flash Point Method: COC

Flash Point: =32.2C, 90.F

Lower Limits: 1.0

Upper Limits: 7.0

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

Fire Fighting Procedures: WEAR FULL PROTECTIVE CLOTHING, AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE. WATER SPRAY MAY BE USEFUL IN MINIMIZING VAPORS AND COOLING

FIRE-EXPOSED CONTAINERS,

Unusual Fire/Explosion Hazard: FLAMMABLE  
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Control Measures  
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Respiratory Protection: NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR.

Ventilation: MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Prote

ctive Gloves: PVC, NITRILE OR NEOPRENE

Eye Protection: SAFETY GLASSES WITH SIDE SHIELD/GOGGLES

Other Protective Equipment: EYE BATH, SAFETY SHOWER, WASHING FACILITIES

Work Hygienic Practices: OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH BEFORE EATING OR DRINKING.

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Physical/Chemical Properties  
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HCC: F3

Boiling Point: >137.8C, 280.F

Vapor Pres: 10

Vapor

Density: 3.7

Spec Gravity: 0.96

Viscosity: UNKNOWN

Evaporation Rate & Reference: 1 (XYLENE = 1)

Solubility in Water: INSOLUBLE

Appearance and Odor: UNIFORM DARK RED COLOR, AROMATIC ODOR

Percent Volatiles by Volume: 50

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Reactivity Data  
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Stability Indicator: YES

Stability Condition To Avoid: OPEN IGNITION SOURCES

Materials To Avoid: OXIDIZING AGENTS

Hazardous Decomposition Products: C

ARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN AND OTHER TOXIC VAPORS/FUMES

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT RELEVANT

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Toxicological Information  
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Ecological Information  
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MSDS Transport Information  
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Regulatory Information  
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Sara Title III Information: XYLENE IS SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF SARA TITLE III AND 40 CFR PART 373.

Federal Regulatory Information: ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TOXIC SUBSTANCE CONTROL ACT (TSCA) CHEMICAL SUBSTANCE INVENTORY.  
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te Regulatory Information: NEW JERSEY RIGHT TO KNOW INFORMATION: XYLENE,  
NON-VOLATILE DYE, RED

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Other Information  
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Transportation Information  
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Responsible Party Cage: 82925  
Trans ID NO: 43175  
Product ID: MIL-D-81298 B TYPE I,1001520  
MSDS Prepared Date: 03/18/1998  
Review Date  
: 02/25/1998  
MFN: 2  
Radioactivity: NOT RELEVANT  
Net Unit Weight: 8.0 LBS  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: GL  
Container QTY: 0  
Type Of Container: METAL CAN IP3  
Additional Data: REPORTABLE QUANTITY (RQ): 100 LBS.

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Detail DOT Information  
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DOT PSN Code: PWS  
DOT Proper Shipping Name: XYLENES  
Hazard Class: 3  
UN ID Num: UN1307  
DOT Packaging Group: III  
Label: FLAMMABLE LIQUID

Special Provision: B1,T1  
Packaging Exception: 150  
Non Bulk Pack: 203  
Bulk Pack: 242  
Max Qty Pass: 60 L  
Max Qty Cargo: 220 L  
Vessel Stow Req: A

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Detail IMO Information  
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IMO PSN Code: PPF  
IMO Proper Shipping Name: XYLENES  
IMDG Page Number: 3394  
UN Number: 1307  
UN Hazard Class: 3.3  
IMO Packaging Group: III  
Subsidiary Risk Label: -  
EMS Number: 3-07  
MED First Aid Guide NUM: 310  
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Detail IATA Information  
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IATA PSN Code: ZPL  
IATA UN ID Num: 1307  
IATA Proper Shipping Name: XYLENES  
IATA UN Class: 3  
IATA Label: FLAMMABLE LIQUID  
UN Packing Group: III  
Packing Note Passenger: 309  
Max Quant Pass: 60L  
Max Quant Cargo: 220L  
Packaging Note Cargo: 310  
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Detail AFI Information  
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AFI PSN Code: ZPL  
AFI Proper Shipping Name: XYLENES  
AFI Hazard Class: 3  
AFI UN ID NUM: UN1307  
AFI Packing Group: III  
Special Provisions: P5  
Back Pack Reference: A7.3  
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=====  
HAZCOM Label  
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Product ID: MIL-D-81298 B TYPE I,1001520  
Cage: 82925  
Company Name: OCTAGON PROCESS INC.  
Street: 596 RIVER ROAD  
City: EDGEWATER NJ  
Zipcode: 07020  
Health Emergency Phone: 201-313-1187/800-424-9300(CHEMTREC)  
Lab  
el Required IND: Y  
Date Of Label Review: 07/26/1999  
Status Code: C  
MFG Label NO: UNKNOWN  
Origination Code: F  
Chronic Hazard IND: Y  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: DANGER  
Respiratory Protection IND: NO  
Health Hazard: Moderate  
Contact Hazard: Slight  
Fire Hazard: Severe  
Reactivity Hazard: None  
Hazard And Precautions: TARGET ORGANS: EYES, SKIN, CNS, LIVER, KIDNEYS, LUNGS.  
ACUTE AND CHRONIC - EYES: MAY CAUSE STINGING, TEARING, REDNESS, IRRITATION  
AND SWELLING. SKIN:

MAY CAUSE REDNESS, BURNING, AND DRYING AND CRACKING OF SKIN. INHALATION: MAY CAUSE IRRITATION OF THE NOSE, THROAT AND UPPER RESPIRATORY TRACT. ALSO, MAY CAUSE CNS DEPRESSION (DIZZINESS, DROWSINESS, LOSS OF COORDINATION AND FATIGUE, ETC.). PROLONGED AND/OR REPEATED BREATHING OF VAPORS MAY CAUSE LIVER AND/OR KIDNEY DAMAGE. INGESTION: MAY CAUSE NAUSEA, PAIN, VOMITING AND GI IRRITATION. ALSO MAY CAUSE CNS DEPRESSION. ASPIRATION INTO LUNGS MAY CAUSE LUNG INFLAMMATION AND DAMAGE.

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