

001246

E M SCIENCE

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MATERIAL SAFETY DATA SHEET  
ESSENTIALLY SIMILAR TO U.S. DEPARTMENT OF LABOR FORM OSHA-20  
DATE OF PREP. 12/11/85

SECTION 1 NAME & PRODUCT

CHEMICAL NAME: XYLENE

CATALOG NUMBER: XX0055      XX0057      XX0060

TRADE NAME: XYLOL, DIMETHYLBENZENE

MOLECULAR WEIGHT  
106.17

CAS #: N/A      CHEMICAL FAMILY: AROMATIC HYDROCARBON  
FORMULA: C6H4(CH3)2

SECTION 2 PHYSICAL DATA

BOILING POINT 760 MM HG 138C      | SPECIFIC GRAVITY (H2O=1)      0.872  
MELTING POINT      N/A      | SOLUBILITY IN H2O, % BY WT @20 C      0.02  
VAPOR PRES. @ 20C      5.1      MM HG      | EVAPORATION RATE (BUTYL ACETATE=1)      0.51  
VAPOR DENSITY (AIR=1)      3.6      | APPEARANCE AND ODOR COLORLESS LIQUID AROMATI  
VOLATILES BY VOLUME      100      | ODOR

SECTION 3 FIRE & EXPLOSION HAZARD DATA

FLASH POINT/TEST METHOD: 80F (TCC)      FLAMMABLE LIMITS:LEL% 1.0      UEL% 7.0

EXTINGUISHING MEDIA:  
FOAM, CO2, DRY CHEMICAL; WATER SPRAY TO COOL FIRE-EXPOSED  
CONTAINERS; WEAR FULL FACE SHIELD

SPECIAL HAZARDS:  
WEAR SELF-CONTAINED BREATHING APPARATUS, PROTECTIVE CLOTHING

UNUSUAL FIRE AND EXPLOSION HAZARDS:  
VAPOR CAN TRAVEL DISTANCES TO IGNITION SOURCE AND FLASH BACK

SECTION 4 REACTIVITY DATA

STABLE S      CONDITIONS TO AVOID:  
HEAT, SPARKS, OPEN FLAME

MATERIALS TO AVOID:  
( ) WATER      ( ) ACIDS      ( ) BASES      ( ) CORROSIVES      (X) OXIDIZERS  
( ) OTHER:

XYLENE  
MATERIAL SAFETY DATA SHEET

## FIRST AID PROCEDURES:

INGESTION: DO NOT INDUCE VOMITING; GET MEDICAL ATTENTION IMMEDIATELY

## SECTION 7

## SPECIAL PROTECTION INFORMATION

## VENTILATION, RESPIRATORY PROTECTION, PROTECTIVE CLOTHING, EYE PROTECTION:

PROVIDE ADEQUATE GENERAL MECHANICAL AND LOCAL EXHAUST

VENTILATION (SPARK-PROOF)

PROTECT EYES AND SKIN WITH SAFETY GOGGLES AND RESISTANT GLOVES

WEAR IMPERVIOUS CLOTHING AND BOOTS

WEAR SELF-CONTAINED BREATHING APPARATUS IF TLV IS EXCEEDED

DO NOT BREATHE VAPORS

DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING

## SECTION 8

## SPECIAL HANDLING AND STORING PRECAUTIONS

## SPECIAL HANDLING AND STORING PRECAUTIONS:

KEEP CONTAINER CLOSED AND PROTECTED AGAINST PHYSICAL DAMAGE

STORE IN A COOL, WELL-VENTILATED AREA

OUTSIDE OR DETACHED STORAGE PREFERRED; INSIDE, STORE IN

STANDARD FLAMMABLE LIQUID CABINET

KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AND OXIDIZING MATERIALS

NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (OR RESIDUE) MAY IGNITE EXPLOSIVELY

## SECTION 9

## HAZARDOUS INGREDIENTS

## HAZARDOUS INGREDIENTS:

UNKNOWN

## SECTION 10

## OTHER INFORMATION

OSHA 704 :	2	3	0
	HEALTH	FLAMMABILITY	REACTIVITY

## COMMENTS:

