

MALLINCKRODT INC SCIENCE PRODUCTS DIVISION -- XYLENE -- 6810-00-138-8414

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Product Identification
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Product ID:XYLENE

MSDS Date:07/17/1991

FSC:6810

NIIN:00-138-8414

MSDS Number: BNWGW

=== Responsible Party ===

Company Name:MALLINCKRODT INC SCIENCE PRODUCTS DIVISION

Address:PARIS BYPASS

Box:M

City:PARIS

State:KY

ZIP:40361

Country:US

Info Phone Num:314-982-5000

Emergency Phone Num:314-982-5

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CAGE:62910

=== Contractor Identification ===

Company Name:MALLINCKRODT SPECIALTY CHEMICALS CO

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:908-859-2151

CAGE:62910

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Composition/Information on Ingredients
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Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 83%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM/150 STEL

ACGIH TLV:100 PPM/150STEL;9192

EPA Rpt Qty:1000 LBS

DOT Rpt

Qty:1000 LBS

Ingred Name:ETHYL BENZENE (SARA III)

CAS:100-41-4

RTECS #:DA0700000

Fraction by Wt: 17%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM/125 STEL

ACGIH TLV:100 PPM/125STEL 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 4300 MG/KG

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

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

Health Hazards Acute and Chronic:AC

UTE: INHALATION OF VAPORS MAY CAUSE

RESPIRATORY SYSTEM IRRITATION AND CENTRAL NERVOUS SYSTEM DEPRESSION. EYES AND SKIN MAY BE IRRITATED ON CONTACT WITH LIQUID. INGESTION MAY CAUSE IRRITATION OF MOUTH, THROAT AND STOMACH.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:INHALED: COUGHING, WHEEZING, SNEEZING, HEADACHE, NAUSEA, DIZZINESS, VOMITING. EYES: REDNESS, TEARING

BLURRED VISION. SKIN: REDNESS, ITCHING, DRY SKIN. INGESTED: BURNING SENSATION IN MOUTH, THROAT AND STOMACH; NAUSEA, VOMITING, EXCESS SALIVATION.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS OR EYE PROBLEMS; OR IMPAIRED LIVER, KIDNEY OR REPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS MATERIAL.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE

ARTIFICIAL RESPIRATION. IF DIFFICULT, GIVE OXYGEN. INGESTED: DO NOT INDUCE VOMITING! GET IMMEDIATE MEDICAL ATTENTION! IF VOMITING OCCURS, PUT HE AD BELOW HIPS TO PREVENT ASPIRATION. SKIN: REMOVE CONTAMINATED CLOTHES. WASH WITH SOAP AND WATER. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES.

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

Flash Point Method:TCC

Flash Point:=26.1C, 79.F

Autoignition Temp:=463.9C, 867.F

Lower Limits:1.0%

Upper Limits:7.

0%

Extinguishing Media: DRY CHEMICAL, CARBON DIOXIDE, OR FOAM. WATER SPRAY MAY BE USED KEEP FIRE EXPOSED CONTAINERS COOL.

Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard: VAPORS CAN FLOW ALONG SURFACES TO DISTANT IGNITION SOURCES AND FLASH BACK. ABOVE FLASH POINT; VAPOR-AIR MIXTURES ARE EXPLOSIVE WITHIN THE FLAMMABLE LIMITS.

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

Spill Release

Procedures: ELIMINATE ALL SOURCES OF IGNITION. VENTILATE AREA OF SPILL. WEAR PROPER PROTECTIVE EQUIPMENT. USE NON-SPARKING TOOLS. ABSORB IN INERT MATERIAL. PLACE IN A CONTAINER FOR LATER DISPOSAL.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions: PROTECT AGAINST PHYSICAL DAMAGE. STORE IN A COOL, DRY, WELL-VENTILATED AREA. SEPARATE FROM STRONG OXIDIZERS.

Other Precautions:

STORAGE AND USE AREAS MUST BE NO SMOKING AREAS. PROPERLY BOBND AND GROUND CONTAINERS DURING TRANSFER OPERATIONS. USE OUTSIDE OR DETACHED STORAGE IF POSSIBLE. USE NON-SPARKING TOOLS AND EQUIPMENT.

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

Respiratory Protection: NONE NORMALLY REQUIRED. IF TLV IS EXCEEDED; USE NIOSH/MSHA APPROVED RESPIRATOR. USE UP TO LIMIT SET BY MANUFACTURER; IF EXCEEDED, USE AIR SUPPLIED RESPIRATOR. IF THESE USED, A PROGRAM IN ACCORDANCE WITH 29 CFR 1910.134 MUST BE USED.

Ventilation: LOCAL OR USE ADEQUATE MECHANICAL VENTILATION. EQUIPMENT MUST BE EXPLOSION-PROOF.

Protective Gloves: RUBBER

Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment: APRON OR COVERALLS, RUBBER BOOTS. EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices: WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

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

HCC:F3

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=137.2C, 279.F

Melt/Freeze Pt:=-25.C, -13.F

Vapor Pres:8 MM HG

Vapor Density:3.7

Spec Gravity:0.86

Evaporation Rate & Reference:0.7 (N-BUTYL ACETATE=1)

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR, COLORLESS LIQUID; CHARACTERISTIC ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stabili

ty Condition to Avoid:SOURCES OF IGNITION

Hazardous Decomposition Products:OXIDES OF CARBON AND UNIDENTIFIED
ORGANIC COMPONENTS

==== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS. DO NOT FLUSH TO SEWER. MUST BE DISPOSED OF IN
AN APPROVED RCRA FACILITY.

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