

FISHER SCIENTIFIC, CHEMICAL DIV. -- AT223 XYLENE -- 6685-00-243-9963

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Product Identification
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Product ID:AT223 XYLENE

MSDS Date:11/13/1990

FSC:6685

NIIN:00-243-9963

MSDS Number: BTRJT

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC, CHEMICAL DIV.

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201-796-7100 OR 201-796-7523

Emergency Phone Num:2

01-796-7100/800-424-9300(CHEMTREC)

CAGE:1B464

=== Contractor Identification ===

Company Name:B.L. MITCHELL

CAGE:00CJ6

Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

Address:1 REAGENT LANE

Box:City:FAIRLAWN

State:NJ

ZIP:07410-2802

Country:US

Phone:201-796-7100

CAGE:1B464

Company Name:PSG INDUSTRIES INC

Address:1225 TUNNEL RD

Box:City:PERKASIE

State:PA

ZIP:18944-2131

Country:US

Phone:215-257-3621

CAGE:18509

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Composition/Information on Ingredients
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Ingred Name:XY

LENES (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

ACGIH TLV:100 PPM/150STEL;9394

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE

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

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

Health Hazards Acute and Chronic:XYLENE CONTAINED IN GLASS
THERMOMETER.

EXPOSURE TO SMALL AMOUNTS OF XYLENE ONLY IF THERMOMETER IS BROKEN.
SKIN/EYE CONTACT MAY CAUSE IRRITATION. NOT ENOUGH XYLENE CONTAINED
IN THERMOMETER TO POSE A THREAT VIA INGESTION OR INHALATION.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.

Effects of Overexposure:VAPORS ARE IRRITATING TO EYES, NOSE AND THROAT.

SKIN CONTACT MAY CAUSE IRRITATION. EYE CONTACT

MAY CAUSE

IRRITATION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS
OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.
WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL
ATTENTION. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET
MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING
. IF OCCURS,
KEEP HEAD BELOW HIPS. GET MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:80.6F,27.0C

Autoignition Temp:Autoignition Temp Text:867F

Lower Limits:1.00 %

Upper Limits:7.00 %

Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER FOG

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF CONTAINED
BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL TANKS AND
CONTAINERS EXPOSED TO FIRE WITH WATER

ATER.

Unusual Fire/Explosion Hazard:WATER MAY BE INEFFECTIVE. EXTINGUISH ONLY IF FLOW CAN BE STOPPED.

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

Spill Release Procedures:ABSORB LIQUID WITH SUITABLE ABSORBANT.

CAREFULLY COLLECT BROKEN GLASS. COLLECT FOR PROPER DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID CONTAC WITH HEAT, SPARKS, FLAMES

OR OTHER SOURCES OF IGNITION. AVOID OVERHEATING OF CONTAINERS.
PROTECT AGAINST PHYSICAL DAMAGE.

Other Precautions:STORE AWAY FROM INCOMPATIBLE SUBSTANCES.

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

Respiratory Protection:IF EXPOSURE MAY OR DOES EXCEED OCCUPATION EXPOSURE LIMITS USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD WITH 29 CFR 1910.134 USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AI R-PURIFYING RESPIRATOR.

Ventilati

on:EXHAUST VENTILATION SUFFICIENT TO KEEP AIRBORNE CONCENTRATIONS BELOW RESPECTIVE TLV'S.

Protective Gloves:RECOMMENDE FOR SPILLS

Eye Protection:SPLASH PROOF OR DUST RESISTANT GOGGLES

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Hea

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THE HAZARDOUS MATERIAL HAS A VOLUME OF 3.8 ML. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

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

HCC:F3

Boiling Pt:=137.2C, 279.F

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:6

Vapor Density:3.7

Spec Gravity:0.85

Evaporation Rate & Reference:0.6 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR LIQUID WITH SOLVENT ODOR

Percent Volatiles by Volume:100%

===== Stability

and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

NITRIC ACID, STRONG OXIDIZERS, SULFURIC ACID

Stability Condition to Avoid: HIGH TEMPERATURES, SPARKS, OPEN FLAMES

Hazardous Decomposition Products: TOXIC OXIDES OF CARBON.

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

Waste Disposal Methods: PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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