

HACH CO. -- XYLENE ACS REAGENT -- 6810-00-138-8414

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Product Identification
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Product ID:XYLENE ACS REAGENT
MSDS Date:04/16/1990
FSC:6810
NIIN:00-138-8414
MSDS Number: BLFDK
=== Responsible Party ===
Company Name:HACH CO.
Address:100 DAYTON RD.
Box:907
City:AMES
State:IA
ZIP:50010-6402
Country:US
Info Phone Num:800-227-4224
Emergency Phone Num:515-232-2533
CAGE:4T252

=== Contractor Identification ===

Company Name:HACH COMPANY
Address:100 DAYTON RD.
Box:907
City:AMES
State:IA
ZIP:50010
Country:US
Phone:800-227-4224
CAGE:4T252
Company Name:INLAND PACKAGING INC
Address:209 PETERSON DR
Box:644
City:ELIZABETHTOWN
State:KY
ZIP:42701-9804
Country:US
Phone:502-737-6757
CAGE:66172

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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: 100%
Other REC Limits:NONE SPECIFIED
OSHA

PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Health Hazards Acute and Chronic:ACUTE-THIS PRODUCT MAY BE IRRITATING
TO EYES,SKIN & RESPIRATORY TRACT.VERY TOXIC.TARGET ORGANS:CENTRAL
NERVOUS SYSTEM.CHRONIC TOXICITY-NOT DETERMINED.
Explanation of Carcinogenicity:CARCINOGENICITY TESTING IN PROGRESS
(MSDS).

Effects
of Overexposure:MAY CAUSE IRRITATION, DIZZINESS, DROWSINESS,
STAGGERING, UNCONSCIOUSNESS, NAUSEA. HIGH CONCENTRATIONS OF XYLENE
VAPOR MAY CAUSE REVERSIBLE DAMAGE TO KIDNEYS AND LIVER. REPEATED OR
PROLONGED EXPOSURE M AY CAUSE SKIN RASH, REVERSIBLE EYE DAMAGE.
Medical Cond Aggravated by Exposure:CHRONIC SKIN DISORDER.

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First Aid Measures
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First Aid:OBTAIN MEDICAL ATTENTION.INGESTION:DO NOT INDUCE VOMITING.
CALL PHYSICIAN IMMEDIATE
LY. INHALATION:REMOVE FROM EXPOSURE.IF
BREATHING IS DIFFICULT/ABSENT,PROVIDE CARDIOPULMONARY
SUPPORT.EYE:FLUSH WITH W ATER FOR 15 MINUTES.SKIN:WASH WITH SOAP&
PLENTY OF WATER.

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Fire Fighting Measures
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Flash Point Method:OC
Flash Point:=28.9C, 84.F
Lower Limits:1.0
Upper Limits:7.0
Extinguishing Media:CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED
BREATHING APPARATUS. EVACUATE AREA. COOL
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:FLAMMABLE; MAY REACT WITH OXIDIZERS

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Accidental Release Measures
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Spill Release Procedures:ABSORB ON PAPER. BURN IN A CHEMICAL
INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.

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Handling and Storage
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Handling and Storage Precautions:STORAGE-STORE IN A COOL, DRY PLACE
AWAY FROM OXIDI

ZERS.

Other Precautions:AVOID CONTACT WITH EYES, SKIN AND CLOTHING. DO NOT BREATHE MIST OR VAPOR. WASH THOROUGHLY AFTER HANDLING. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES.

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

Respiratory Protection:WORK UNDER THE FUME HOOD. IF LEVELS EXCEED THE RECOMMENDED HEALTH STANDARDS, WEAR A NIOSH/MSHA APPROVED ORGANIC VAPOR RESPIRATOR. FOR EMERGENCY USE, WEAR A NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS.

Ventilation:IF LEVELS EXCEED THE RECOMMENDED HEALTH STANDARDS, USE LOCAL EXHAUST OR GENERAL DILUTION VENTILATION.

Protective Gloves:POLYVINYL ALCOHOL (PVA)/NITRILE

Eye Protection:LAB GRADE GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWERS SHOULD BE AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE.

Work Hygienic Practices:WASH HANDS BEFORE EATING, DRINKING, SMOKING, OR USING TOILET FACILITIES. WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

HCC:F3

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=137.C, 278.6F

Vapor Pres:9

Vapor Density:3.7

Spec Gravity:0.86

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR, COLORLESS, MOBILE LIQUID; AROMATIC ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OP

EN FLAMES, SPARKS AND OTHER
SOURCES OF IGNITION

Hazardous Decomposition Products:ACRID SMOKE AND FUMES

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE
LOCAL, STATE AND FEDERAL REGULATIONS.

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