



XYLENE

SECTION I: IDENTIFICATION

EZCHEM, Inc.
92 Don Westbrook Ave. N
Jasper, GA 30143

Emergency Telephone Number: 1-800-535-5053
Telephone Number for Information: 706-253-5055

Product Name: Xylene
Product Use: Solvent

SECTION II: HAZARD IDENTIFICATION

Signal Word: DANGER

Hazard Classification:

Flammable liquids, Category 3
Acute toxicity, Category 5, Oral
Acute toxicity, Category 4, Dermal
Acute toxicity, Category 4, Inhalation
Skin corrosion/irritation, Category 2
Serious eye damage/eye irritation, Category 2A
Aspiration hazard, Category 1
Specific target organ toxicity - single exposure, Category 3, Respiratory tract irritation
Acute hazards to the aquatic environment, Category 2

Hazard Statements:

H225 - Highly flammable liquid and vapor.
H226 - Flammable liquid and vapor.
H303 - May be harmful if swallowed.
H304 - May be fatal if swallowed and enters airways.
H312 - Harmful in contact with skin.
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H332 - Harmful if inhaled.
H335 - May cause respiratory irritation.
H336 - May cause drowsiness or dizziness.
H351 - Suspected of causing cancer.
H361 - Suspected of damaging fertility or the unborn child.
H373 - May cause damage to organs through prolonged or repeated exposure.
H401 - Toxic to aquatic life.

Precautionary Statements:

P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat, hot surfaces, open flames and sparks. No smoking.
P233 - Keep Container tightly closed.
P240 - Ground/Bond container and receiving equipment.
P241 - Use explosion-proof electrical, lighting, ventilating equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P260 - Do not breathe dust, fume, gas mist, spray, vapors.
P261 - Avoid breathing dust, fume, gas, mist, spray, vapors.

Hazard Pictograms:





Safety Data Sheet
May be used to comply with OSHA's Hazard
Communication Standard (HCS), 29 CFR 1910, 1200.
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Precautionary Statements Continued:

- P264 - Wash skin thoroughly after handling.
- P271 - Use only outdoors or in a well-ventilated area.
- P273 - Avoid release to the environment.
- P280 - Wear eye protection, face protection, protective clothing and protective gloves.
- P301+ P310 - If swallowed: Immediately call a POISON CENTER or doctor/physician.
- P302+ P352 - If on skin: Wash immediately with plenty of soap and water.
- P303+P361+P353 - If on skin (or hair): Take off all contaminated clothing immediately. Rinse skin with soap and water/shower.
- P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.
- P308+P313 - If exposed or concerned, get medical advice/attention.
- P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
- P314 - Get medical advice/attention if you feel unwell.
- P331 - Do NOT induce vomiting.
- P332+P313 - If skin irritation occurs: Get medical advice/attention.
- P362+P364 - Take off contaminated clothing and wash it before reuse.
- P370+P378 - In case of fire: Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish.
- P403+P2323 - Store in a well ventilated place. Keep container tightly closed.
- P403+P235 - Store in a well ventilated place. Keep cool.
- P405 - Store locked up.
- P501 - Dispose of contents/container in an approved waste disposal plant.

SECTION III: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components:	CAS No.	Percentage %
ortho-Xylene	95-47-6	100%

SECTION IV – FIRST AID MEASURES

General Information: Call a physician immediately.

After inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Provide oxygen, if available, or artificial respiration. If needed call a POISON CENTER or doctor/physician if you feel unwell.

After skin contact: Remove contaminated clothing and shoes. Immediately wash skin with large amounts of water and follow by washing with soap and water. Get medical attention if irritation develops or persists. Wash clothing separately before reuse. Destroy or thoroughly clean contaminated shoes.

After eye contact: Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Remove contact lenses if present and easy to do. Continue rinsing. Get medical attention if irritation develops or persists. Transport to the nearest medical facility for additional treatment.

After ingestion: Call a physician or POISON CONTROL center immediately. Rinse mouth thoroughly. Do NOT induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get in to lungs.

Most Important Symptoms and Effects: Abdominal pain. Nausea, vomiting. Aspiration may cause pulmonary edema and pneumonitis. Jaundice. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin Irritation. May cause redness and pain. Edema. Prolonged exposure may cause chronic effects.

Acute: As above.

Delayed: Skin contact.



SECTION V – FIRE AND EXPLOSION HAZARD DATA

Suitable Extinguishing Media: Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires.

Unsuitable Extinguishing Media: Do not use water in a jet.

Fire Hazard: DIRECT FIRE HAZARD. Highly flammable. Gas/vapour flammable with air within explosion limits. INDIRECT FIRE HAZARD. May be ignited by sparks. Gas/vapour spreads at floor level: ignition hazard.

Explosion Hazard: DIRECT EXPLOSION HAZARD. Gas/vapour explosive with air within explosion limits. INDIRECT EXPLOSION HAZARD. Heat may cause pressure rise in tanks/drums: explosion risk. may be ignited by sparks.

Reactivity: Not reactive

Products of Combustion: CO, Organic vapors.

Special Hazards Arising from the Substance or Mixture: Over heated or burning product will boil off flammable fumes and heavy smoke.

Special Remarks and Advice for Firefighters: Cool containers with water spray. Wear self contained breathing apparatus and firefighters protective clothing.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Isolate hazard area and deny entry to unnecessary or unprotected personnel. Stay upwind and keep out of low areas.

Methods and material for containment and cleaning up:

Spill Response: For small liquid spills (< 1 drum), transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Allow residues to evaporate or soak up with an appropriate absorbent material and dispose of safely. Remove contaminated soil and dispose of safely.

Waste Disposal: See Above.

Environmental precautions: Remove all possible sources of ignition in the surrounding area. Attempt to disperse the vapour or to direct its flow to a safe location for example by using fog sprays. Take precautionary measures against static discharge. Ventilate contaminated area thoroughly.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND STORAGE

Handling

Precautions for safe handling: Avoid inhaling vapour and/or mists. Avoid contact with skin, eyes and clothing. Extinguish any naked flames. Do not smoke. Remove ignition sources. Avoid sparks. The vapour is heavier than air. Beware of accumulation in pits and confined spaces. Use local exhaust ventilation if there is risk of inhalation of vapours, mists or aerosols. Properly dispose of any contaminated rags or cleaning materials in order to prevent fires. Even with proper grounding and bonding, this material can still accumulate an electrostatic charge. If sufficient charge is allowed to accumulate, electrostatic discharge and ignition of flammable air-vapour mixtures can occur. Be aware of handling operations that may give rise to additional hazards that result from the accumulation of static charges. These include but are not limited to mixing, filtering and splash filling.



Safety Data Sheet

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Section VII Continued:

Additional Hazards: Product is HIGHLY FLAMMABLE. Beware of accumulation in pits and confined spaces. Electrostatic discharge may cause fire. The vapours in the head space of the storage vessel may lie in the flammable/explosive range and hence may be flammable.

Hygiene Measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

Storage

Storage Conditions: Store in the original container, tightly sealed.

Storage Area: Store at room temperature.

Incompatible Products and Materials: Strong oxidizers.

SECTION VIII – EXPOSURE CONTROL MEASURES

Exposure Limits: PEL - 100ppm

Appropriate Engineering Controls: Adequate explosion-proof ventilation to control airborne concentrations below the exposure guidelines/limits. Eye washes and showers for emergency use.

Personal Protective Equipment:



Hand: Protective Gloves. Wear gloves of adequate length to offer appropriate skin protection from splashes. Longer term protection: Viton. Incidental contact/Splash protection: Nitrile rubber.

Eye: Safety Glasses/Goggles

Skin and Body: None required.

Respiratory: If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, select respiratory protection equipment suitable for the specific conditions of use and meeting relevant legislation.

Additional Information: The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Select controls based on a risk assessment of local circumstances.



SECTION IX – PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance	Form: Liquid Color: Colorless Odor: Solvent
pH-value:	NA
Boiling Point/Boiling Range:	$\geq 145^{\circ}\text{C}$
Freezing Point:	NE
Flash Point:	$27-32^{\circ}\text{C}$
Auto Igniting:	Product is not self-igniting.
Vapor Pressure:	882 Pa at 25°C
Vapor Density:	883 - 885 kg/m^3
Viscosity:	NE
Solubility:	ca. 0.2 kg/m^3
Evaporation Rate:	NE
Flammability:	Flammable
Decomposition Temperature:	NE

SECTION X – REACTIVITY DATA

Conditions to be avoided: Stable under normal conditions of use. Avoid heat, sparks, open flames and other ignition sources. Prevent vapour accumulation.

Incompatible materials: Strong oxidizing agents.

Hazardous Decomposition Products: CO, Organic vapors.

Reactivity: Not reactive.

Chemical Stability: Stable.

Possibility of Hazardous Reactions: None known.

SECTION XI – TOXICOLOGICAL INFORMATION

Acute toxicity: May be harmful if swallowed. Harmful in contact with skin. Harmful if inhaled.

Likely Route of Exposure:

Exposure Symptoms:

Eyes: Serious eye irritation.

Skin: Irritation, drying.

Inhalation: Inhalation of vapours or mists may cause irritation to the respiratory system.

Ingestion: May be fatal if swallowed and enters airways.

Effects (Short-term, Long-term):

Immediate: Inhalation.

Delayed: Skin and eye.

Chronic: None known.

Carcinogenicity: No

Sensitization: No sensitizing effects known.



SECTION XII - ECOLOGICAL INFORMATION

Aquatic toxicity: Toxic - Marine pollutant - In view of the high rate of loss from solution, the product is unlikely to pose a significant hazard to aquatic life.

Persistence and Degradability: Readily biodegradable. Oxidises rapidly by photo-chemical reactions in air.

Behavior in Environmental Systems: Biodegradable.

Bioaccumulative Potential: Does not bioaccumulate significantly.

Mobility in Soil: NE

Other Adverse Effects: None known.

SECTION XIII - DISPOSAL CONSIDERATIONS

Recommendation: Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations. Do not dispose into the environment, in drains or in water courses. Waste product should not be allowed to contaminate soil or water. Drain container thoroughly. After draining, vent in a safe place away from sparks and fire. Residues may cause an explosion hazard. Disposal should be in accordance with applicable regional, national, and local laws and regulations.

SECTION XIV - TRANSPORT INFORMATION

UN-Number: 1307
UN Proper Shipping Name: Xylenes
Transport Hazard Class: Flammable - 3
Packing Group: III
Environmental Hazards: Marine pollutant.

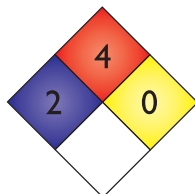


Additional Information: Refer to Chapter 7, Handling & Storage, for special precautions which a user needs to be aware of or needs to comply with in connection with transport.

Special Precautions for User:

SECTION XV - OTHER REGULATORY INFORMATION

NFPA Ratings (Scale 0-4)



Health: 2
Fire: 4
Reactivity: 0



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SECTION XVI - OTHER INFORMATION

Last Updated: 6/1/2015

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