

1. Product and Company Identification

Product Code:	0003342		
Product Name:	Xylene (mixed isomers) {Benzene, dimethyl-}		
Company Name:	Alpha-Tec Systems, Inc.	Phone Number:	1 (360)260-2779
	1311 SE Cardinal Ct Suite 170		
	Vancouver, WA 98683		
Web site address:	Alphatecsystems.com		
Email address:	Regulatory@Alphatecsystems.com		
Emergency Contact:	INFOTRAC		
	International		00-1- (352)323-3500
Information:	North America		1 (800)535-5053
Intended Use:	For Laboratory Use: Staining Reagent		
Product List	Xylene Product Code Also Applies to : 0003125.		

2. Hazards Identification

Flammable Liquids, Category 3
Acute Toxicity: Inhalation, Category 4
Acute Toxicity: Skin, Category 4
Skin Corrosion/Irritation, Category 2



GHS Signal Word:	Warning
GHS Hazard Phrases:	H226 - Flammable liquid and vapor. H312 - Harmful in contact with skin. H315 - Causes skin irritation. H332 - Harmful if inhaled.
GHS Precautionary Phrases:	P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P233 - Keep container tightly closed. P240 - Ground/bond container and receiving equipment. P241 - Use explosion-proof electrical/ventilating/lighting/PPM/15M equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P261 - Avoid breathing dust/fume/gas/mist/vapors/spray. P264 - Wash hands thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
GHS Response Phrases:	P302+352 - IF ON SKIN: Wash with plenty of soap and water. P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312 - Call a POISON CENTER or doctor/physician if you feel unwell. P332+313 - If skin irritation occurs, get medical advice/attention. P362+364 - Take off contaminated clothing and wash it before reuse. P370+378 - In case of fire, use carbon dioxide (CO2), powder or alcohol resistant foam to extinguish.
GHS Storage and Disposal	P403+235 - Store in cool/well-ventilated place.

Phrases: P501 - Dispose of contents/container to a safe area compliant with state and local guidelines.

Ingestion: May be harmful if inhaled. Causes respiratory tract irritation.
 Harmful if absorbed through the skin. Causes skin irritation.
 Causes eye irritation.
 May be harmful if swallowed.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
1330-20-7	Xylene (mixed isomers) {Benzene, dimethyl-}	100.0 %

4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation: If breathed in, move person into fresh air. If not breathing give artificial respiration.

In Case of Skin Contact: Wash off with soap and plenty of water. Consult a physician.

In Case of Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

In Case of Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Signs and Symptoms Of Exposure: Central nervous system depression. Dermatitis. Abdominal pain, Nausea. Vomiting, Anorexia. Shortness of breath.

Note to Physician: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

5. Fire Fighting Measures

Flash Pt: 23.00 C Method Used: Closed Cup

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: NA

Suitable Extinguishing Media: For small (incipient) fires, use media such as "alcohol" foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.

Fire Fighting Instructions: Wear self contained breathing apparatus for fire fighting if necessary.

Further information.
 Use water spray to cool unopened containers.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled:

Personal precautions.
 Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
 Environmental precautions.
 Do not let product enter drains.
 Methods for cleaning up.
 Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal.

7. Handling and Storage

Precautions To Be Taken in Handling: Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

Precautions To Be Taken in Storing: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in cool place.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1330-20-7	Xylene (mixed isomers) {Benzene, dimethyl-}	PEL: 100 ppm	TLV: 100 ppm STEL: 150 ppm	No data.

Respiratory Equipment (Specify Type): Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eye Protection: Face shield and safety glasses.

Protective Gloves: Handle with gloves.

Other Protective Clothing: Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Engineering Controls (Ventilation etc.): No data available.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

Physical States: Gas Liquid Solid

Appearance and Odor: No data available.

pH: No data.

Melting Point: -25.00 C - 13.00 C

Boiling Point: 137.00 C - 143.00 C

Flash Pt: 23.00 C Method Used: Closed Cup

Evaporation Rate:	No data.
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: No data. UEL: No data.
Vapor Pressure (vs. Air or mm Hg):	No data.
Vapor Density (vs. Air = 1):	No data.
Specific Gravity (Water = 1):	No data.
Solubility in Water:	No data.
Saturated Vapor Concentration:	No data.
Octanol/Water Partition Coefficient:	No data.
Autoignition Pt:	NA
Decomposition Temperature:	No data.
Viscosity:	No data.

Information with regard to primary physical hazard:

10. Stability and Reactivity

Stability:	Unstable [<input type="checkbox"/>] Stable [<input checked="" type="checkbox"/>]
Conditions To Avoid - Instability:	Heat, flames and sparks.
Incompatibility - Materials To Avoid:	Strong oxidizing agents.
Hazardous Decomposition or Byproducts:	formed under fire conditions. Carbon oxides, Hazardous reactions. Vapors may form explosive mixture with air.
Possibility of Hazardous Reactions:	Will occur [<input type="checkbox"/>] Will not occur [<input checked="" type="checkbox"/>]
Conditions To Avoid - Hazardous Reactions:	No data available.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
1330-20-7	Xylene (mixed isomers) {Benzene, dimethyl-}	No	Yes NA	Yes

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1330-20-7	Xylene (mixed isomers) {Benzene, dimethyl-}	CA PROP.65: No; MA Oil/HazMat: Yes; NJ EHS: Yes - 2014; PA HSL: Yes - E

16. Other Information

Revision Date: 06/20/2023 **Previous revision:** 12/27/2016
Preparer Name: Tim Meehan

Additional Information About This Product: No data available.

Document & Change Control Number SDS0060.C.1.

Company Policy or Disclaimer: Disclaimer
 The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.