

SAFETY & HEALTH QUICK LIST

Chemical/Product Name:	Xylene
Synonym:	

CAS No: 1330-20-7

Hazard Statements: H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H312 + H332 Harmful in contact with skin or if inhaled
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H373 May cause damage to organs (Central nervous system, Kidney, Liver) through prolonged or repeated exposure.

NFPA Ratings:	4-Dangerous	3-Severe	2-Moderate	1-Slightly Hazardous
GHS Ratings:	1-Dangerous	2-Severe	3-Moderate	4-Slightly Hazardous

Physical Properties

NFPA Rating: Health	2	Auto Ignition Temperature	809.6 F
NFPA Rating: Flammability	3	Solubility in Water	Insoluble
NFPA Rating: Reactivity	0	Specific Gravity	0.864
		Flash Point	77 F
GHS Classification: Health Hazard	1	Vapor Pressure (@ 68F)	0.116 psi
Fire Extinguisher Type	High Volume Water Jet	Max Concentration (@68F)	100%
Freeze Point	-54.4	Boiling Point	320 F
LEL %	1%	RQ	100 lbs
UEL %	7%		
Vapor Density	3.7		

Exposure Guidelines

PEL/TLV	N/A	Corrosive	N/A
STEL	100 ppm	Irritant	2A
Ceiling	N/A	IDLH	N/A
Skin Notation (S)	4	Odor Threshold	
Carcinogen (A1-A4)	N/A	Sensitizer	N/A

Other Hazards:

Emergency Response

Spill or Leak	Isolate area for at least 50 meters (150 feet) in all directions
Large Spill	Consider initial downwind evacuation for at least 300 meters (1000 feet).
Fire	Isolate for 800 meters (1/2 mile) in all directions
Monitoring Method	

Normal Tasks

Sampling
 Drum/Tote Filling
 Strapping Tank/Truck

 Hose Disconnect Unclear (Camlock Fitting)

 Hose Disconnect Unclear (Dry Disconnect)
 Line/Equipment Opening Unclear
 Line/Equipment Opening Clear

 Contaminated Equipment in Maintenance Shop
 which can't be cleaned
 Tank Cleaning (No chemicals present)
 Tank Cleaning (Chemicals present)

PPE Group

Group 6
Group 6
Group 6
Group 6
Group 6
Group 6
Group 6
Group 6
Group 6
Group 6
Group 6

Emergency Response Tasks

Small Spill
 Medium Spill
 Large Spill
 Downwind Monitoring (Vapor Only)
 Liquid Contact (HAZMAT)

PPE Group

Group 6
Group 6
Group 6
Group 6
Group 6

Lab Handling

Inside Hood
 Outside Hood

PPE Group

Group 12
Group 13

NUMBER	KEY CODE	DESCRIPTION
GROUP 2	GENERAL PROCESS AREA	Standard PPE - Hard Hat, Nomex Coveralls, Safety Side-Shield Glasses, Work Gloves (Leather)
GROUP 6	BOOTS RESPIRATOR	Standard PPE (Group 2) with Chemical Gloves, Boots, Splash Goggles, Face Shield and the Required Respirator
GROUP 11	STANDARD LAB -L	Nomex Lab Coat, Safety Side-Shield Glasses, Latex Gloves
GROUP 12	STANDARD LAB -N	Nomex Lab Coat, Safety Side-Shield Glasses, Nitrile Gloves
GROUP 13	LAB & RESPIRATOR	Group 11 or 12 along with a Cartridge Respirator
Respirator Type	Half Face, Organic Vapor, Cartridge Life= 3.5 hours	
Chemical Glove Type	Neoprene	

PPE Example



