



Product Specification

Product Name: XYLENES Sulfur Free LR

Alternate Name(s) Dimethylbenzene, xylol.

Description

Clear liquid. Characteristic odour.

Properties

Chemical Formula: $C_6H_4(CH_3)_2$

Molecular Weight: 106.17

Product Code: XL005

CAS No. 1330-20-7

General Information:

Immiscible with water. Soluble in alcohol and ether. Incompatible with strong oxidising agents. Flammable; impurities lower the flash point.

Hazard and Safety Data

UN Group: III
Class: 3
UN Number: 1307
Hazchem code: 3[Y]
CS MSDS Code: 1CH86
Poison schedule: S6
Emergency
Procedure Guide No.: 16

Quality Specification

Assay: 98.5% min. of the three isomers, o-, m- and p-xylene.

Specific Properties and Impurities [Typical levels]:

Dielectric Constant	2.4 (25 °C)
Evaporation Rate	~0.7
Saturated Vapour Concentration	35 g/m ³ (20 °C)
Vapour Density	3.7
Flamm. Limit UEL	7.0 Vol%
Flamm. Limit LEL	1.0 Vol%
Specific Gravity	0.87
Vapour Pressure	11 hPa (25 °C)
Autoignition Temp.	~500°C
Boiling Point	137-143°C
Flash Point (°C)	27.2 - 46.1 (TOC)
Sulfur compounds (as S)	≤ 0.0005%
Water (H ₂ O)	≤ 0.05%
Residue after evaporation	≤ 0.01%
Odour Threshold	0.2-2ppm

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