

Product Specification

Product Name: XYLENES AR

Alternate Name(s) Dimethylbenzene, xylol.

Description

Clear liquid. Characteristic odour.

Properties

Chemical Formula:

Molecular Weight: 106.17

Product Code: XA003

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. Xylene Isomers

Specific Properties and Impurities [Typical levels]:

Appearance	Clear
Colour (APHA)	≤ 10
Water (H ₂ O)	≤ 0.03%
Acidity	≤ 0.0005 meq/g
Alkalinity	≤ 0.0003 meq/g
Residue on evaporation	≤ 0.002%
Benzene	≤ 0.1%
Ethylbenzene	≤ 25%
Thiophene	≤ 0.0001%
Toluene	≤ 0.5%
Sulfur compounds (S)	≤ 0.003%
Subs darkened by H ₂ SO ₄	Passes test
Aluminium (Al)	≤ 0.00005%
Barium (Ba)	≤ 0.00001%
Boron (B)	≤ 0.000002%
Cadmium (Cd)	≤ 0.000002%
Calcium (Ca)	≤ 0.00005%
Chromium (Cr)	≤ 0.000002%
Cobalt (Co)	≤ 0.000001%
Copper (Cu)	≤ 0.000001%
Iron (Fe)	≤ 0.000005%
Lead (Pb)	≤ 0.000005%
Magnesium (Mg)	≤ 0.00001%
Manganese (Mn)	≤ 0.000001%
Nickel (Ni)	≤ 0.000001%
Tin (Sn)	≤ 0.000005%

Chem-Supply Pty Ltd - An ISO 9001 Accredited Company

**38 - 50 Bedford Street, Gillman SA 5013, Australia ABN 19 008 264 211 PO Box 201, Port Adelaide SA 5015, Australia
 Telephone +61 8 8440 2000 Fax +61 8 8440 2001 E-mail: sales@chemsupply.com.au Web: www.chemsupply.com.au**

Chem-Supply does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product for any intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon Chem-Supply Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product for any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of Chem-Supply Pty Ltd is limited to the replacement or supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.

Zinc (Zn)

≤ 0.000005%

CONFORMS TO ACS

Chem-Supply Pty Ltd - An ISO 9001 Accredited Company

**38 - 50 Bedford Street, Gillman SA 5013, Australia ABN 19 008 264 211 PO Box 201, Port Adelaide SA 5015, Australia
Telephone +61 8 8440 2000 Fax +61 8 8440 2001 E-mail: sales@chemsupply.com.au Web: www.chemsupply.com.au**

Chem-Supply does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product for any intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon Chem-Supply Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product for any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of Chem-Supply Pty Ltd is limited to the replacement or supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.

Rev. No: 5