Product Specification

Product Name: 2,2,4 TRIMETHYLPENTANE AR

Alternate Name(s) iso Octane

Description

Clear colourless liquid. Strong odour.

Properties

Chemical Formula: $(CH_3)_3CCH_2CH(CH_3)_2$

Molecular Weight: 114.23

Product Code: TA066

CAS No. 540-84-1

General Information:

Insoluble in water. Soluble in benzene, toluene, xylene, chloroform, ether, carbon disulfide, carbon tetrachloride, DMF and oils, except castor oil. Slightly soluble in alcohol and ether. Highly flammable.

Quality Specification

Assay: 99.0% min.

Specific Properties and Impurities [Typical levels]:

Colour (APHA)	≤ 10
Sulfur compounds (as S)	≤ 0.005%
Water soluble titrable acid	≤ 0.0003 meq/g
Residue after evaporation	≤ 0.001%

Hazard and Safety Data

UN Group:	II
Class:	3
UN Number:	1262
Hazchem code:	3YE
CS MSDS Code:	Y25SABDA
Poison schedule:	S5
Emergency Procedure Guide No.:	14

CONFORMS TO ACS

Chem-Supply Pty Ltd - An ISO 9001:2008 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