



Product Specification

Product Name: OLEIC ACID TG

Alternate Name(s) cis-9-Octadecenoic acid; cis-Octadec-9-enoic acid; 9,10-Octadecenoic acid;

Description

Water-white liquid. If exposed to air, may develop a yellow to brown colour. Lardy odour.

Properties

Chemical Formula: $C_{17}H_{33}COOH$

Molecular Weight: 282.47

Product Code: OT004

CAS No. 112-80-1

General Information:

Insoluble in water. Soluble in alcohol, benzene, chloroform, ether and most organic solvents, fixed and volatile oils.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CHFA

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Not classified as hazardous according to the criteria ASCC.

If stored below 10°C product may partially solidify. Should this occur, gently heat (< 30°C) and agitate until homogenous.

Quality Specification

Assay:

Specific Properties and Impurities [Typical levels]:

Acid value (mg KOH/g)	196 - 204
Saponification value (mg/KOH/g)	197 - 205
Iodine value (gl2/100g)	86 - 94
Cloud point	<10 °C
Colour - Lovibond 51/4 inch cell	
yellow	<11.0
red	<1.3
Colour (APHA) - Hazen	<250
Unsatifiable matter	<1.5%

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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

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