

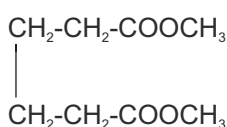


KANATOL - 1A

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Chemical Nature

Adipic acid ester of Methanol	
Chemical Name	:- Di - Methyl Hexanedioate
Trade Name	:- KANATOL - 1A
Molecular Formula	:- C ₈ H ₁₄ O ₄
Molecular Weight	:- 174
Molecular Structure	:- CH ₃ OOC(CH ₂) ₄ COOCH ₃



CAS NO	:-	627 - 93 - 0
UN. NO	:-	
EINECS NO	:-	211 - 020 - 6

Specification

Characteristics	Unit	Test Method	Value
Colour	HU	ASTM-D-1045-86	40max.
Refractive Index (27°C)	–	ASTM-D-1045-86	1.422 ± 1.432
Volatile Loss (110°C/1Hrs)	wt. %	KLJTM	0.3
Ester Loss	mg KOH/g	ASTM-D-1045-86	640 ± 5
Acidity	wt. %	ASTM-D-1045-86	0.05 max.
Moisture	wt. %	ASTM-E-203	0.40 max.
Specific Gravity (27°C)	–	ASTM-D-1045-86	1.060 ± 0.003
Ester Content	wt. %	ASTM-D-1045-86	99.50 min.
Heat Stability (150°C/2Hrs)	HU.	ISI-9591-96	50 HU.
Acidity afer heat treatment	wt. %	ASTM-D-1045-86	N.A.
Plasticizing Esters by GC	% by area	KLJTM	99.50 min.

Properties

K-1A is almost colourless and odourless oily liquid, free of foreign materials does not dissolve in water, dissolves in organic solvents, like the chloroform, gasolene, ethyl acetate, methanol, toluene, mineral oil.

Apprication

K-1A is used as a solvent for paint stripping and resins.

As a cleaner for polymeric residues.

Used as a pigment dispersant.

It is used as an intermediate to produce agrochemicals & dyes.

Total Solution in Plasticizers



KANATOL-1A

Packing & Storage **K-1A** is packed in 200/225 kg iron drum/HDPE drum, 20-22 MT Flexi tank / ISO tank / road tanker. It is stored in tightly closed container, in a cool (<25C), dry shaded ventilated area.

Shelf Life Original characteristics remain intact for 12 months, if kept in recommended storage.

Safety The MSDS can be provided on request.

Disclaimer The data contained in this publication are based on our current knowledge and experience. During processing, there are so many factors which may affect the application part of **K-1A**, so these data neither imply any guarantee of certain properties, nor the suitability of the product for the specific purpose. Any data given in this publication may change without prior information and do not constitute the agreed quality of our product.

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