

TIQ-F-QC-003
 Rev.00

Technical Data Sheet

PETROLEUM ETHER 40-60°C Extrapure

Petroleum Spirit, Petroleum Naphtha, Petroleum benzine, Ligroine, VM & P Naphtha

Product Code	B-3062	Grade	Extrapure
Purity	40-60°C	CAS No	8032-32-4
Molecular Formula	Not available	Molecular Weight	Not available
H.S.Code	2710.1990	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colourless
Odour	Gasoline or kerosene	Melting Point/ Freezing point (°C)	< -73°C
Flammability (solid, gas)	Flammable	Flash point	-40°C
Boiling Point	40 - 60 °C	Vapour pressure mm/Hg	40 mm Hg at 20 °C
Vapour Density	2.5	Density (g/cm ³)	0.60-0.75
Solubility in water (% weight)	Insoluble in water	Explosion limits – upper (%)	0.059 %
Auto-ignition temperature (°C)	288°C	Explosion limits-lower (%)	0.011 %
Evaporation rate (buthyl acetate=1)	10		

Packaging

500 mL, 2500 mL, 4000 mL

Specification

Appearance	A clear colorless liquid with a characteristic odour
Boiling Range	40 - 60 °C (min 90 %)
Wt. Per ml at 20 °C	0.640 – 0.655 g/cm ³
Colour	max 10 Hazen
n-Hexane	max 2.0 %
Non-volatile matter	max 0.001 %
Impurities within an acidic or alkaline reaction	passes test
Foreign smell	passes test
Sulphur compounds reducing impurities	passes test
Tetraethyl lead	passes test
Reaction against sulphuric acid	passes test

Safety Information and Hazard Symbols



Symbol: GHS02, GHS07, GHS08, GHS09

Signal Word: Danger

UN No.: 1268

IMCO Class No.: 3

Packing Group: II

Hazardous Statement: H224-H304-H315-H336-H411

Precaution Statement: P210-P233-P273-P301 + P310-P331-P403+P233