

Product Information

PETROLEUM ETHER 80-100°C For Synthesis

Ligorine

Product Code	B-3063	Grade	Extrapure
Purity	80-100°C	CAS No	8032-32-4
Molecular Formula	Not available	Molecular Weight	Not applicable
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	80-100 °C	Vapour pressure mm/Hg	40 mm Hg at 20 °C
Initial boiling point (°C)	80°C	Evaporation rate)buthyl acetate=1)	10
Final boiling point (°C)	100°C	Density (g/cm ³)	0.60-0.75
Vapour Density	2.5	Explosion limits – upper (%)	0.059 %
Solubility in water (% weight)	Insoluble in water	Explosion limits-lower (%)	0.011 %
Auto-ignition temperature (°C)	288°C		

Packaging

500 ml & 2500 ml

Specification

Appearance	A clear colorless liquid with a characteristic odour
Boiling Range	80 - 100 °C
Wt. Per ml at 20 °C	0.695 – 0.715 g/cm ³
Colour	max 10 Hazen
Water (H ₂ O)	max 0.015 %
Non-volatile matter	max 0.005 %
Sulphur compounds (as S)	max 0.005 %
Aromatic substances (as C ₆ H ₅ CH ₃)	max 0.02 %

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