



Product Specification

Product Name: PARAFFIN OIL, LIGHT 15 LR

Alternate Name(s) White Oil; Mineral Oil

Description

Light liquid paraffin is a purified mixture of liquid saturated hydrocarbons. A colorless, transparent, oily liquid, free from fluorescence in daylight.

Properties

Chemical Formula: -

Molecular Weight: -

Product Code: PL041

CAS No.: 8042-47-5

General Information:

Practically insoluble in water, slightly soluble in alcohol, miscible with hydrocarbons. Neutral to litmus. Stable under ordinary conditions of use and storage.

Quality Specification

Assay:

Specific Properties and Impurities [Typical levels]:

Specific gravity	0.830 - 0.855
Viscosity kinematic at 40°C	13 - 18 mm ² /s
Viscosity kinematic at 100°C	2 - 4 mm ² /s
Dynamic viscosity at 20°C	32 mPa.s (typical)
Saybolt color	30 min.
Polycyclic aromatic hydrocarbons	Passes BP test
Readily carbonisable substances	Passes BP test
Acidity or alkalinity	Passes BP test
Solid paraffins	Passes BP test
Melting point	-18°C
Flash point	>120°C (oc)
Auto-ignition temperature	260 - 370°C
Pourpoint	-6°C max.

Hazard and Safety Data

UN Group:	None Allocated
Class:	None Allocated
UN Number:	None Allocated
Hazchem code:	None Allocated
CS MSDS Code:	1CH4V
Poison schedule:	S5
Emergency Procedure Guide No.:	N/A

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