Technical Data Sheet

Liquid Paraffin

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Product Description

Liquid paraffin is a clear, odorless, and stable liquid obtained from refining petroleum. It is composed of saturated hydrocarbon compounds. Depending on its purity and refining grade, it is used in various industries such as cosmetics and personal care, pharmaceuticals, rubber, plastics, and adhesives. This product is colorless, free from impurities, and offers suitable stability for a wide range of industrial applications and selected formulations.

Application Areas

- Cosmetics & Personal Care: Used in creams, lotions, skin oils, and emollient products.
- Pharmaceuticals: Used in certain formulations as a lubricant or processing aid.
- Rubber & Plastics: Improves softness and processability, provides lubrication, reduces brittleness, and helps prevent cracking.
- Adhesives: Helps adjust viscosity and improve formulation performance.
- General Industrial Applications: Light-duty lubrication, surface protection, and contributing to thermal stability in selected systems.

Benefits

- Colorless and high clarity
- Low odor
- Excellent lubricity
- Good chemical stability
- Non-corrosive
- Suitable for a wide range of formulations across different industries
- Helps improve softness and processability

Packaging & Shelf Life

The product is supplied in drums. It should be stored in a dry place, away from direct sunlight, in its original sealed packaging. When stored properly at a temperature between 5 and 30°C, the product has a shelf life of 24 months.

Product Specification

Property	Unit	Value	Method/Standard
Appearance	-	Colorless liquid	Visual
Color	-	< 0.5	ASTM D1500
Odor	-	Odorless	-
Specific Gravity (20°C)	g/cm^3	0.80 – 0.84	ASTM D1298
Viscosity	mPa·s	15 – 18	ASTM D2196
Aromatics Content	ppm	Max 1000	Measured by GC
Pour Point	°C	-3 – 0	ASTM D97
Flash Point	°C	195 – 205	ASTM D92

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