TECHNICAL DATA SHEET

White Mineral Oil

Particular	Details
PRODUCT	White Mineral Oil
GRADE	Pharmaceutical Grade – 30 (PX - 30)

INTRODUCTION

Our USP / NF grade Mineral oils are purified mixture of liquid saturated hydrocarbons, obtained from Petroleum and are highly paraffinic in nature.

They are highly refined hydro-treated oils with excellent thermal & chemical stability, and conform to the United States Pharmacopoeia (USP) specifications and all regulatory requirements as per the USFDA.

They do not support pathogenic bacterial growth and due to this property, they become ideal blending bases for Pharmaceutical / cosmetic applications.

This product is widely used by formulators exporting to regulatory markets.

APPLICATION

We provide different levels of viscosity which permit a wide range of use in:

- Baby / bath oils
- Lotions
- Suntans / sunscreens
- Antibiotics
- Tissues
- Base material for ointments, skin creams, hair preparations, massage oils, laxatives, lipsticks
- Food grade plant spray oils

Mineral oils are used in the Pharmaceutical / Food Industry for the lubrication purpose of:

- Medical instruments
- Filling / packaging machines in the food industry
- Compressor cylinder in the beverage industry

TYPICAL CHARACTERISTICS

Clear, colourless, tasteless, non-fluorescent liquid which is stable to light and oxidation. They have high a flash point and are soluble in Chloroform & Solvent Ether.

TYPICAL PROPERTIES / SPECIFICATION

CHARACTERS

Sr. No.	Characteristic	Test Method	Specification
1	Appearance	Visual	Water – white, Bright & clear
2	Solubility	USP	Complies
3	Saybolt colour	ASTM D 156	+30

IDENTIFICATION (AS PER USP)

Ref. Alphabet	Identification	Test Method	Specification
A	Infrared absorption	USP	Matches with std. spec.
B	Kinematic Viscosity at 40°C, cst*	USP	27 – 34

TESTS

Sr. No.	Test	Test Method	Specification
1	Acidity or alkalinity	BP / USP	Complies
2	Specific gravity at 25°C	USP	0.828 – 0.855
3	Polycyclic aromatic hydrocarbons	USP	Complies
4	Readily carbonisable substances	USP	Complies
5	Solid Paraffins	USP	Complies
6	Sulphur compounds	USP	Complies
7	Light absorption at 240 nm – 280 nm	Indian Phar.	NMT 0.1
8	Flash point, °C	ASTM D 92	Min. 180

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