

Product Denomination: **LIGHT WHITE OIL NP**

Issue Version: 13.03.2006

LIGHT WHITE OIL NP is produced from selected feedstock of kerosene and/or gas oil. It has a pure and linear paraffinic based structure and fulfills with the purity standards of the U.S. Food and Drug Administration (FDA 178 3620 b). Low sulphur content and low toxicity & odor makes Light White Oil NP more preferable when compared to others.

CHARACTERISTICS:

- No residual after annealing
- Longer shelf life
- Good viscosity
- No unsaturated hydrocarbons susceptible to oxidation
- Environmentally friendly

APPLICATIONS:

Detergent.

They are one the most important raw material for the production of Intermediates for Surfactants (LAB, Alcohol, SAS).

Chloro-derivatives.

High purity paraffins are required for the chloroparaffins production. These are used as plasticizers, as auxiliary chemicals in textile, leather and paper industries.

Others...

Due to their high purity and their chemical stability, the paraffins can be used as lubricant, solvent, diluents, etc. in many fields (aluminum rolling oil, olefin polymerization, printing ink,)

Aluminum Rolling
Catalyst Carrier
Chloroparaffins
Drilling Muds
Electro Erosion
Lighting
Metal Working
Solvents

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Properties	Test Methods	Typical Values	Specifications
Appearance	Visual	Clear Liquid	-
Odour	Sensitive	Odourless	-
Colour, Saybolt	ASTM D156	> +30	+ 30 min
Density, 15 °C g/cm ³	ASTM D1298	0,764	-
Viscosity, 20°C cSt	ASTM D445	2,75	-
Pour Point, °C	ASTM D97	- 3	-
Flash Point, PMCC °C	ASTM D93	96	-
Carbon Distribution, % Mass	ASTM D 2140		-
C 12		0,3	max. 1
C 13		60	55 – 65
C 14		38	35 – 45
>C 14		0,3	max. 1
Average Molecular Mass	ASTM D2502	190	-
Distillation Range, 1.013 bar	ASTM D86		-
I.B.P., °C		228	-
F.B.P., °C		245	-
Total n-Paraffins, %Mass	ASTM D2502	98.6	min. 98
Aromatics, %Mass	ASTM D2140	0.3	max. 0,5
Sulphur, ppm	ASTM D2622	< 1	max. 1
Bromine Index, mg Br ₂ /100 g	ASTM D1491	15	max. 20
Aniline Point, °C	ASTM D611	89	-