



**PRODUCT CODE: 146257**

**Light liquid Paraffin (USP-NF, BP, Ph. Eur.) pure, pharma grade**

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CAS [8042-47-5]

EINECS 232-455-8

TARIC 2710 19 85 00

**Purified mixture of liquid saturated hydrocarbons obtained from petroleum .**

**PHYSICAL DATA:** liquid, oily, Colourless, D 20/4 0,845 • B.P.: 300 - 450 °C • Flash P.:>180 °C •

**BIBLIOGRAPHY:** Merck Index **13**, 7.263 BP.**2018** • USP -**NF 36** • Ph. Eur. **8.0** (2014) **9.0** (2017) •

**HAZARDOUS:** RTECS: PY 8030000 • LD50 oral rat 5.000 mg/kg • TLV-TWA 5 ppm10 mg/m3



H: H304 •

P: P301+P310 • P331 • P405 • P501 •

**WEIGHT/VOLUME INFORMATION:** 1l~0,845 kg 1kg~1,183 l

**OBSERVATIONS:** Storage away from direct light. •

### **SPECIFICATIONS:**

Identity :

Identity according to Pharmacopoeias:

Density at 20/20

Density at 25/25

Viscosity dynamic 19.9-20.1°C

Viscosity kinematic 39.9-40.1°C

passes test

0,810-0,875

0,818-0,880

25-80 mPas

3,0-33,5 mm2/s

**Maximum limit of impurities**

Acidity or alkalinity	passes test
Darkened substances by H2SO4	passes test
Sulfur compounds	passes test
Solid Paraffin	passes test
Residual solvents (Ph.Eur/USP)	passes test
Polycyclic aromatic hydrocarbons	passes test

## Elemental impurities (ICH Q3D):

## Class 1

Cd	25 ppm
Pb	25 ppm
As	25 ppm
Hg	25 ppm

## Class 2A

Co	25 ppm
V	25 ppm
Ni	25 ppm

## Class 2B

Tl	25 ppm
Au	25 ppm
Pd	25 ppm
Ir	25 ppm
Os	25 ppm
Rh	25 ppm
Ru	25 ppm
Se	40 ppm
Ag	25 ppm
Pt	25 ppm

## Class 3

Li	55 ppm
Sb	120 ppm
Ba	140 ppm
Mo	25 ppm
Cu	250 ppm
Sn	600 ppm
Cr	25 ppm