

**PUROLAN<sup>®</sup> IOC**  
**(Isooctane)****Properties**

PUROLAN<sup>®</sup> IOC is a colorless liquid with low odor intensity. It is volatile and evaporates rapidly. PUROLAN<sup>®</sup> IOC is an excellent solvent where quick drying without residue of the solvent is desired. Compared to other volatile solvents skin irritation is low.

**Specification**

PARAMETER	UNIT	SPECIFICATION	METHOD NO.*
Sum of C <sub>8</sub> hydrocarbons	wt.-%	min. 98	3002-0202505-07D
2,2,4-trimethylpentane	wt.-%	min. 90	3002-0202506-10D
Aromatics	mg/kg	max. 1	3002-0600203-97D
Carbonyls	mg/kg	max. 2	3002-0605203-14D
Bromine index	mg Br <sub>2</sub> /100 g	max. 10	3002-0306201-13D
Sulphur	mg/kg	max. 1	3002-0401503-15D
Peroxides (as H <sub>2</sub> O <sub>2</sub> )	mg/kg	max. 1	3002-0306002-14D
Water	mg/kg	max. 50	3002-0300102-09D
Evaporation residue	mg/100ml	max. 1	3002-0100202-11D
Neutralisation number (as KOH)	mg/g	max. 0.01	3002-0304001-13D

*Specification values are subject to constant monitoring.*

**Physical / Chemical Data**

PARAMETER	UNIT	SPECIFICATION
Density at 20 °C	g/ml	0.69
Vapor pressure at 20 °C	mbar	60
Refractive index n <sub>D</sub> <sup>20</sup>		1.392
Boiling range start	°C	98
5% by vol.	°C	100
95% by vol.	°C	101
Boiling range end	°C	102

*Characteristic data provide further information about the product and are not subject to constant monitoring. They are therefore not binding.*

*Safety data and information relating to environmental aspects can be found in the safety data sheet, which is available on request from the address below.*

**Storage / Handling / Labeling**

Please refer to our Safety Data Sheet.

**Shelf Life**

2 years in original sealed packaging.

### PUROLAN<sup>®</sup> IOC (Isooctane)

#### Packaging

140 kgs Drum (Steel)

#### Additional Information

INCI:	Isooctane
CAS No.:	540-84-1
EINECS:	208-759-1
REACH:	Registration number 01-2119457965-22

#### Application

- Volatile solvent
- Replacement for more irritating solvents in removers and cleansers

#### Advantages

- low skin irritation compared to other volatile solvents
- colorless
- good compatibility with other ingredients
- highly stable

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