ISOFIN RG® 58

Hydrocarbon solvent

Last update: 15 Jan 2025

ISOFIN RG® 58 is a pure hydrocarbon solvent with a flash point of 58 °C for surface cleaning.

Hydrocarbon solvents (Isoparaffin solvents) are produced from petrochemical products by means of catalytic synthesis.

ISOFIN RG® 58 is a non-polar solvent and particularly suited for cleaning of parts and surfaces with non-polar impurities. The solubility of polar substances is very low.

ISOFIN RG® 58 is an almost aromatic-free chemical compound with full saturation.

1. PHYSICAL AND CHEMICAL PRODUCT PROPERTIES

Properties	liquid / colourless / characteristic
Flash point	58 °C
Boiling range	180 - 188 °C
Density (at 15 °C)	0,755 - 0,765 g/cm³
Ignition temperature	> 200 °C
Vapour pressure at 20 °C	1 hPa
Lower / upper explosion limit	0,5 - 6,0 Vol%
Heat capacity	2,0 kJ/kg*K

2. APPLICATION RANGE

- Cleaning of various materials
- Particularly for non-polar impurities
- Cleaning of all shapes (e.g. parts with cavities, close clearances, very fine openings)

3. CHECKING AND CARE OF SOLVENTS

- Various laboratory services in the company-internal laboratory (e.g. oil compatibility tests, service analyses)
- Test kit for solvent checking:
  - o **GEISS® Quick-Test** (measurement of free acids in the acidic range, determination of alkalinity in the alkaline range, testing of solvents for chlorides)
  - o **GEISS® Digital Indexer** (determination of the concentration of anti-corrosion oils)
- Stabiliser for solvent care:
  - o **CLEANSTAB® A** (increasing the pH value)

4. SAFETY RECOMMENDATIONS

- The safety data sheets must be generally observed.
- Please always observe the instructions of the system manufacturer.

5. CONTACT

Richard Geiss GmbH | Lüßhof 100 | D-89362 Offingen/Donau | Germany | T. +49 82 24 / 807-0 | Fax. +49 82 24 / 807-37 | www.geiss-gmbh.de