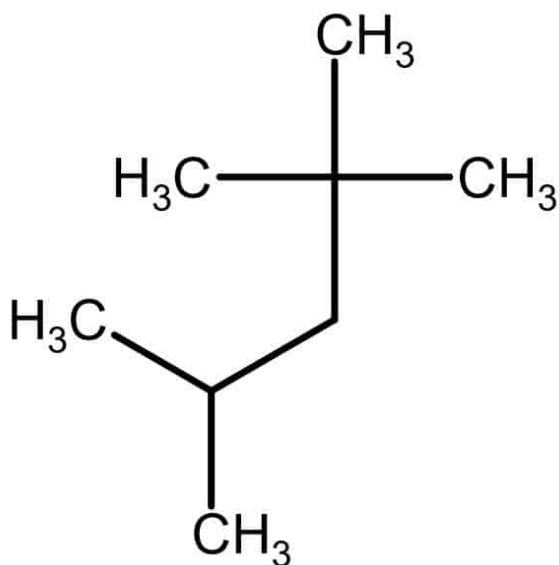




h1>Isooktan AR [540-84-1]



CAS number: **540-84-1**

Summary formula: **C₈H₁₈**

Molar mass: **114.26 g / mol**

Synonyms: **2.2.4-trimethylpentane**

Translation [ENG]: **isooctane**

Application: **Isooktan is an oil product produced by refining crude oil. It is used as a standard in determining the octane number of fuels and as a solvent in chemical analysis. Suitable for HPLC, spectrophotometry, environmental research. When determining the octane number of fuels; in spectrophotometric analysis; as a solvent and diluent.**

VARIATIONS

Image	Price	Pack size
	£303,81 gross £247,00 netto	10 L



Image	Price	Pack size
	£721,81 gross £586,84 netto	25 L

PRODUCT DESCRIPTION

Isooctan AR [540-84-1]

Isooctane is an oil product produced by refining crude oil. It is used as a standard for determining the octane number of fuels (its octane number in the anti-blocking shield is 100) and as a solvent in chemical analysis. Suitable for HPLC, spectrophotometry, environmental research. When determining the octane number of fuels; in spectrophotometric analysis; as a solvent and diluent.

Density: 1.17 g / cm³ (20 ° C)

Melting point: 114 ° C

PH value: 6.7 - 7.3 (50 g / l, H₂O, 25 ° C)

Bulk density: 410 kg / m³

Solubility: 1480 g / l

Test (acidimetric): ≥ 98.0%

Insoluble substances: ≤ 0.005%

PH value (5%; water, 25 ° C): 6.7 - 7.3

Chloride (Cl): ≤ 0.0005%

Nitrates (NO₃): ≤ 0.001%

Sulphate (SO₄): ≤ 0.001%

Hazard pictograms

Labeling of hazardous chemicals and mixtures that are part of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The pictograms recommended by GHS have the shape of a square set on the top. They should contain a black symbol on a white background with a red border.

Priority rules to be observed in connection with the labeling of a substance:

- the skull and crossbones, the exclamation mark pictogram should not be added.
- corrosive effect, the exclamation mark pictogram should not be added if it concerns eye or skin irritation.
- health hazard determining respiratory sensitization, the exclamation mark pictogram should not be added if it concerns skin sensitization or irritation to eyes or skin.

Source: [GHS pictograms](#)