

# MOL Group CHEMICALS

## NORMAL-HEXANE

### About the product

Normal-hexane (C6 fraction containing minimum 55% of n-hexane, as well as iso- and cycloparaffins)

### Application

It is used primarily as a solvent of chemical reactions (such as polymerisation of olefins catalysed by co-ordination complex compounds), as a pharmaceutical solvent, in the extraction of various vegetable oils, or in various adhesive compositions. It can also be used as a grease or oil solvent.

### Product quality requirements

N-hexane is produced by MOL Group in Danube Refinery (Százhalombatta, Hungary). Its base quality properties are specified in the following table:

	Analysis		Method	Requirements
0050	Density at 15 °C	g/cm <sup>3</sup>	MSZ EN ISO 12185	0.6630 - 0.6830
5800	n-Hexane	%(m/m)	MSZ-09-60.0133	min. 55
5700	Sum aromatic content	mg/kg	MSZ 1043	max. 50
0080	Initial Boiling Point	°C	MSZ EN ISO 3405	min. 64
0080	5 % Recovery	°C	MSZ EN ISO 3405	min. 66.0
0080	95 % Recovery	°C	MSZ EN ISO 3405	max. 70.0
1170	Colour (HAZEN)	-	MSZ 15981	max. 20
1180	Sulphur Content	mg/kg	MSZ-09-60.0127-2	max. 1
0370	Water Soluble Acid and Base	-	MSZ 11723-3	Non detected
3730	Bromine number	gBr/100g	MSZ 09-60.0128	max. 0.010
3690	Water	-	MSZ 1044 8.1.	free
5701	Benzene content	mg/kg	ASTM D 4367	max. 10
1780	Existent Gum content	mg/100cm <sup>3</sup>	MSZ EN ISO 6246	max. 2

### Quality Specification MOL

In bulk	Packed into	Measured into
Road tank car	200 litre (one-way) drum,	1 m <sup>3</sup> container,
Road tank car	200 litre (multi-way) iron drum,	200 litre drum,
	5 litre can,	5 litre can
		provided by Buyer,
		conforming to ADR
		classification.

### Distribution:

road and railtank cars

MOL product ID: MOL\_0302\_001 ; ADR/RID/ADN/IMDG Codex; UN 1208/III.

For further information please contact Your MOL or Slovnaft sales person or contact us

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