

# CYCLOHEXANE

## DESCRIPTION

Cyclohexane is a cycloalkane colorless liquid produced by hydrogenation of benzene and by fractionation and purification of hydrocarbon stream. Other routes include the toluene hydrodealkylation.

## IDENTIFICATION

CAS NUMBER:	110-82-7
Nº REACH:	01-2119463273-41-0005
CE NUMBER:	202-705-0

## APPLICATION

Main use of Cyclohexane is the production of cyclohexanol and cyclohexanone, which are used mainly as precursors for adipic acid and caprolactam. Other uses include several solvents applications.

## TYPICAL PROPERTIES

Property	Unit	Method	Value
Density @ 15°C	kg/l	ASTM D 4052	0,7833
Colour Saybolt		ASTM D 6045	+30
Bromine Index	mg Br/100g	ASTM D 2710	<5
Initial Boiling Point			80
Final Boiling Point			81
Aromatics	ppm	GC	<150
Benzene	ppm	GC	<50
Sulphur	ppm	ASTM D 4045/5453	<1
Flash Point (Closed Cup)	°C	ASTM D 56	<0
Aniline Point	°C	ASTM D 611	35
Kauri-Butanol value		ASTM D 1133	56
Viscosity @ 40°C (Kinematic)	cSt	ASTM D 445	0,8548

## TRANSPORT

Available in tank trucks, rail-tank, vessels and barges.

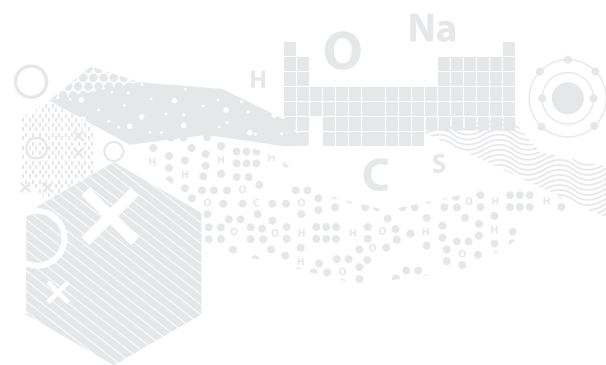
## STORAGE AND HANDLING

Store in accordance with local regulations.

Tank material: Stainless steel 316. Carbon steel with coatings.

## HEALTH AND SAFETY

Put on appropriate personal protective equipment. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Avoid release to the environment. For more information see MSDS.



For more info, please contact us:  
[techsupport@cepsa.com](mailto:techsupport@cepsa.com)

Cepsa Quimica S.A.  
Torre Cepsa. Paseo de la Castellana 259 A  
28046 Madrid (Spain)