

SYSTEM  
Specification  
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PRODUCT NAME : n-Hexane 95%, ChemAR<sup>®</sup>  
CATALOGUE NUMBER : HE301-50  
FORMULA : C<sub>6</sub>H<sub>14</sub>  
MOLECULAR WEIGHT : 86.18  
CAS. NUMBER : [110-54-3]

IMDG class : 3                      UN No : 1208                      Packaging group : II

**HAZARD STATEMENT:**

H225,H361f, H304, H373, H315, H336, H411

**PRECAUTIONARY STATEMENT:**

P201,P210,P243,P281,P273,P301+P331, P302+P352,P304+P340, P309+P310

**Risiko (Risks):**R11,R38,R48/20,R62,R65,R67,R51/53

**Keselamatan (Safety):**S9,S16,S29,S33,S36/37,S61,S62

	<b>Specification</b>	
	<b>min.95.0</b>	<b>%</b>
<b>Assay(GC)</b>		
Identity(IR-Spectrum)	passes	test
Water	max.0.02	%
Colour	10	Hazen
Non-volatile matter	max.0.001	%
Acidity(CH <sub>3</sub> COOH)	max.0.0005	%
Alkalinity(NH <sub>3</sub> )	max.0.0001	%
Bromine water	0.5	
Residue on evaporation	max.0.001	%
Sulphur compounds(S)	max.0.001	%
Aromatic hydrocarbons(as C <sub>6</sub> H <sub>6</sub> )	max.0.1	%
Thiophen(C <sub>4</sub> H <sub>4</sub> S)	max.0.0001	%
Aluminium(Al)	max.0.00001	%
Barium(Br)	max.0.000002	%
Cadmium(Cd)	max.0.000005	%
Calcium(Ca)	max.0.00002	%
Chromium(Cr)	max.0.000002	%
Cobalt(Co)	max.0.000002	%
Copper(Cu)	max.0.000002	%
Iron(Fe)	max.0.00001	%
Lead(Pb)	max.0.000002	%
Magnesium(Mg)	max.0.000005	%
Manganese(Mn)	max.0.000002	%
Nickel(Ni)	max.0.000002	%
Potassium(K)	max.0.00001	%
Sodium(Na)	max.0.00001	%
Strontium(Sr)	max.0.000002	%
Tin(Sn)	max.0.00001	%
Zinc(Zn)	max.0.00001	%
Substances darkened by H <sub>2</sub> SO <sub>4</sub>	passes	test
Wt/ml at 20°C	0.66g	
Melting point:	-94°C	
Boiling point:	68.7°C	

