



## HEXANE

Item	Value
PRODUCT NAME	Hexane
PRODUCT IMAGE	
CAS NUMBER	110-54-3
WEIGHT	86.18
FORMULA	
PROPERTIES	<p>           Melting point: : -95 &amp;degC            Boiling point: : 68.95&amp;#160&amp;#x00b0C(lit.)            Density : 0.659 g/mL at 25 ° C(lit.)            vapor density : 3.5 (vs air)            vapor pressure : 40 mm Hg ( 20 &amp;#x00b0C)            refractive index : n<sub>20</sub>/D 1.388            Flash point: : 30&amp;#160∨            storage temp. : Store at RT.            solubility : Very soluble in ethanol, ethyl ether and chloroform.            form : Ljquid            color : Colorless            Specific Gravity : 0.660 (20/4 )            Odor : Mild gasoline-like odor detectable at 65 to 248 ppm            Relative polarity : 0.009            explosive limit : 1.0-8.1%(V)            Water Solubility : insoluble  <math>\lambda_{max}</math> : <math>\lambda</math>: 200 nm A<sub>max</sub>: 0.70  <math>\lambda</math>: 225 nm A<sub>max</sub>: 0.10  <math>\lambda</math>: 250 nm A<sub>max</sub>: 0.01            Merck : 14,4694            BRN : 1730733            Stability: : Stable. Incompatible with oxidizing agents, chlorine, fluorine, magnesium perchlorate.            Highly flammable. Readily forms explosive mixtures with air. Note low flash point.            InChIKey : VLKZOEYAKHREP-UHFFFAOYSA-N            CAS DataBase Reference : 110-54-3(CAS DataBase Reference)            NIST Chemistry Reference : Hexane(110-54-3)         </p>

Item	Value
SAFETY	Hazard Codes:F,Xn,N Risk Statements:11-38-50/53-65-67-62-51/53-48/20-36/37/38 Safety Statements:9-16-29-33-60-61-62-36/37-45-36/37/39-53-26 RIDADR:UN 3295 3/PG 2 WGK Germany:3 RTECS:MN9275000 F:3-10 Autoignition Temperature:225 ° C TSCA:Yes HazardClass:3 PackingGroup:II HS Code:29011000 Hazardous Substances Data:110-54-3(Hazardous Substances Data) Toxicity:LC50 (4 hr) in mice by inhalation: 48000 ppm LD50 orally in rats: 32.0 g/kg (Couri, Milks)