

Technical data sheet



Product name: **Benzene**

Grade: **Laboratory**

Chemical formula: C_6H_6

Molar mass: 78.11 g/mol

Synonyms: benzol; Cyclohexatriene; benzole

General information	
Cas- No.	71-43-2
Ec-No.	200-753-7
Appearance	clear liquid
Boiling point	80.1°C
Melting point	5.5°C
Flash point	-11 °C
Spec.density	0.88 g/cm ³ (20°C)
Vapour pressure	101 hpa(20°C)
Solub. In H ₂ O	1.770 g/l (20°C)
Storage temp	≤40 °C
R:	45-11-e48/23/24/25
S:	53-45

Specification	
Purity (GC)	≥99.7%
Identity(IR)	conforms
Appearance	conforms
Color	≤10
Acidity	≤0.01 %
Residue On evaporation	≤0.001 %
Water	≤0.03 %
Density	0.878- 0.879 g/cm ³
Substances discolored by sulfuric acid	Passes test

Symbol:



packaging:

Available Pack	1 lit	2/5 lit	5 lit	10 lit	20 lit
GLASS	*	*	-	-	-
P.E	-	-	-	-	-



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