


ETHYLBENZENE

| Item | Value |
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| PRODUCT NAME | ethylbenzene |
| PRODUCT IMAGE |  |
| CAS NUMBER | 100-41-4 |
| WEIGHT | 106.17 |
| FORMULA | |
| PROPERTIES | <p> Melting point: : -95°C(lit.) Boiling point: : 136°C(lit.) Density : 0.867g/mL at 25°C(lit.) vapor density : 3.7 (vs air) vapor pressure : 28.69 psi (55°C) refractive index : $n_{20/D}$ 1.495(lit.) Flash point: : 72°C storage temp. : $0-6^{\circ}\text{C}$ solubility : 0.2g/l form : Liquid color : Colorless Odor : Aromatic. Relative polarity : 0.117 explosive limit : 1.0-7.8%(V) Water Solubility : 0.0206 g/100 mL FreezingPoint : -95 Merck : 14,3765 BRN : 1901871 Stability: : Stable. Incompatible with oxidizing agents. Flammable. CAS DataBase Reference : 100-41-4(CAS DataBase Reference) NIST Chemistry Reference : Ethylbenzene(100-41-4) EPA Substance Registry System : Benzene, ethyl-(100-41-4) </p> |

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| SAFETY | Hazard Codes:F+,Xn,Xi,F,T Risk Statements:63-11-20/22-36/38-40-48/20-65-20-48/20/22-38-22-39/23/24/25-23/24/25-2017/11/20 Safety Statements:9-16-29-33-24/25-36/37-36-45-36/37/39-26-23-53-7-24-62 RIDADR:UN 1175 3/PG 2 WGK Germany:1 RTECS:KI5775000 F:10 Autoignition Temperature:810 ° F TSCA:Yes HS Code:2902 60 00 HazardClass:3 PackingGroup:II Hazardous Substances Data:100-41-4(Hazardous Substances Data) Toxicity:LD50 orally in rats: 5.46 g/kg (Smyth) |