



PIVALIC ACID

Item	Value
PRODUCT NAME	pivalic acid
PRODUCT IMAGE	
CAS NUMBER	75-98-9
WEIGHT	102.13
FORMULA	
PROPERTIES	<p> Melting point: : 32-35$\text{\textcircled{C}}$(lit.) Boiling point: : 163-164$\text{\textcircled{C}}$(lit.) Density : 0.889g/mL at 25$\text{\textcircled{C}}$(lit.) vapor density : 3.6 (vs air) vapor pressure : 9.75 mm Hg (60 $\text{\textcircled{C}}$) refractive index : 1.393 Flash point: : 147$\text{\textcircled{C}}$ storage temp. : 2-8$\text{\textcircled{C}}$ solubility : 25g/l pka : 5.03(at 25) form : Powder, Crystals and/or Chunks Specific Gravity : 1.121 color : Yellow to orange to tan explosive limit : 1.6%(V) Water Solubility : 25 g/L (20 $\text{\textcircled{C}}$) Merck : 14,7511 BRN : 969480 CAS DataBase Reference : 75-98-9(CAS DataBase Reference) NIST Chemistry Reference : Pivalic acid(75-98-9) EPA Substance Registry System : Propanoic acid, 2,2-dimethyl-(75-98-9) </p>

Item	Value
SAFETY	Hazard Codes:C Risk Statements:21/22-34 Safety Statements:26-36/37/39-45 RIDADR:UN 3261 8/PG 2 WGK Germany:1 RTECS:TO7700000 TSCA:Yes HazardClass:8 PackingGroup:II HS Code:29159000 Hazardous Substances Data:75-98-9(Hazardous Substances Data) Toxicity:LD50 orally in Rabbit: 900 mg/kg LD50 dermal Rat 1900 mg/kg