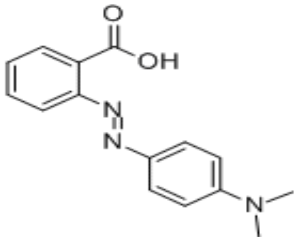


METHYL RED

Item	Value
PRODUCT NAME	methyl red
PRODUCT IMAGE	
CAS NUMBER	493-52-7
WEIGHT	269.3
FORMULA	C ₁₅ H ₁₅ N ₃ O ₂
PROPERTIES	<p> Melting point : 178-182 ° C Boiling point : 412.44 ° C (rough estimate) Density : 0.839g/mL at 25 ° C refractive index : 1.5930 (estimate) Flash point : 11 ° C; storage temp. : 2-8 ° C solubility : ethanol: soluble 1mg/mL form : Solid pka : 4.95(at 25 ° C) Colour Index : 13020 color : Reddish-violet PH Range : 4.4(red)-6.3(yellow) Water Solubility : Practically insoluble in water. Soluble in alcohol, acetic acid Soluble in ethanol. Insoluble in water. λ_{max} : 410nm, 530nm, 427nm, 519nm Merck : 14,6119 BRN : 750102 Stability : Stable. Incompatible with strong oxidizing agents. Major Application : Waveguides, LED sensors, photoresists, liquid crystals, sol-gel matrix, optical sensors, paints, toys, detection of thiols, food freshness sensors, dental product, saliva sampling method, detecting lactic acid, carbohydrates CAS DataBase Reference : 493-52-7 NIST Chemistry Reference : Benzoic acid, 2-[[4-(dimethylamino)phenyl]azo]- (493-52-7) EPA Substance Registry System : Benzoic acid, 2-[[4-(dimethylamino)phenyl] azo]- (493-52-7) </p>

Item	Value
SAFETY	Hazard Codes:Xn,T,F,Xi,C,N Risk Statements:10-20/21/22-68/20/21/22-68-36/38-23/25-11-36/37/38-34-51/53-39/23/24/25-23/24/25 Safety Statements:36/37-24/25-22-45-33-24-16-7-36-26-36/37/39-61 RIDADR:UN 1170 3/PG 2 WGK Germany:1 RTECS:DG8960000 TSCA:Yes HazardClass:3 PackingGroup:II HS Code:29270000 Hazardous Substances Data:493-52-7(Hazardous Substances Data)