




IODINE [USP:JAN]

Item	Value
PRODUCT NAME	Iodine [USP:JAN]
PRODUCT IMAGE	
CAS NUMBER	7553-56-2
WEIGHT	253.81
FORMULA	
PROPERTIES	<p>Melting point: : 113&#160&#x00b0C(lit.) Boiling point: : 184&#160&#x00b0C(lit.) Density : 1.32&#160g/mL&#160at 25&#160&#x00b0C vapor density : 9 (vs air) vapor pressure : 0.31 mm Hg (25 &#x00b0C) Flash point: : <10 storage temp. : Store at RT. solubility : Miscible with chloroform, carbon tetrachloride, carbon disulfide, cyclohexane, methanol, ethyl acetate, toluene, benzene, n-hexane, butan-2-ol, bromoethane, n-heptane, glycerol and diethyl ether. form : particles (round) color : Red-brown Specific Gravity : 4.93 Odor : Sharp, characteristic odor PH : 5.4 (H2O)(saturated solution) Resistivity : 1.3E15 μΩ-cm Water Solubility : 0.3 g/L (20 &#186C) Merck : 14,5014 BRN : 3587194 CAS DataBase Reference : 7553-56-2(CAS DataBase Reference) NIST Chemistry Reference : Iodine(7553-56-2) EPA Substance Registry System : Iodine(7553-56-2)</p>

Item	Value
SAFETY	Hazard Codes:Xn,N,F Risk Statements:36/37/38-50-20/21-36/38-20/21/22-22-40-19-11-36/37 Safety Statements:26-61-25-23-36/37-16 RIDADR:UN 2056 3/PG 2 WGK Germany:2 RTECS:NN1575000 F:10 TSCA:Yes HS Code:2801 20 00 HazardClass:8 PackingGroup:III Hazardous Substances Data:7553-56-2(Hazardous Substances Data) Toxicity:LD50 oral (rat) 14,000 mg/kg LCLO inhal (rat) 80 ppm (800 mg/m ³ 1 h) PEL (OSHA) 0.1 ppm (ceiling, 1 mg/m ³) TLV-TWA (ACGIH) 0.1 ppm (ceiling, 1 mg/m ³)