

POTASSIUM HYDROXIDE

Item	Value
PRODUCT NAME	potassium hydroxide
PRODUCT IMAGE	
CAS NUMBER	1310-58-3
WEIGHT	56.11
FORMULA	
PROPERTIES	<p> Melting point: : 361±0.00°C(lit.) Boiling point: : 1320 ° C Density : 1.450±0.00g/mL±0.00at 20±0.00°C vapor pressure : 1 mm Hg (719 ±0.00°C) refractive index : n₂₀/D 1.421 Flash point: : 52±0.00°C storage temp. : 0-6±0.00°C solubility : H₂O: 1±0.00M at±0.0020±0.00±0.00°C, clear, colorless form : powder color : white Specific Gravity : 1.09 Odor : Odorless PH : 14 (56g/l, H₂O, 20) explosive limit : 3.5-15.0%(V) (ethanol) Water Solubility : soluble Sensitive : Air Sensitive & Hygroscopic Merck : 14,7640 Stability: : Stable, but very hygroscopic. Dissolves exothermically in water. Incompatible with most metals, strong acids, acid chlorides, organic materials, zinc, aluminium, nitroalkanes, nitrobenzene, chlorine dioxide. Reacts vigorously with a wide variety of other materials. Readily absorbs water and carbon dioxide from the air. InChIKey : KQYUFKZDYYNOTN-UHFFFAOYSA-M CAS DataBase Reference : 1310-58-3(CAS DataBase Reference) NIST Chemistry Reference : Potassium hydroxide(1310-58-3) EPA Substance Registry System : Potassium hydroxide (K(OH))(1310-58-3) </p>

Item	Value
SAFETY	Hazard Codes:C,F,T,Xi Risk Statements:34-35-22-11-39/23/24/25-23/24/25-36/38-36/37-67-52/53 Safety Statements:7-16-36/37-45-36/37/39-26-61 RIDADR:UN 2924 3/PG 2 WGK Germany:1 RTECS:TT2100000 F:3 Autoignition Temperature:425 ° C (ethanol) TSCA:Yes HazardClass:8 PackingGroup:II HS Code:28259090 Hazardous Substances Data:1310-58-3(Hazardous Substances Data) Toxicity:LD50 orally in rats: 1.23 g/kg (Smyth)