


ALUMINUM OXIDE

Item	Value
PRODUCT NAME	Aluminum oxide
PRODUCT IMAGE	
CAS NUMBER	1344-28-1
WEIGHT	101.96
FORMULA	
PROPERTIES	<p> Melting point: : 2040&#160;&#x00b0C(lit.) Boiling point: : 2980 ° C Density : 3.97 vapor pressure : 17 mm Hg (20 &#x00b0C) refractive index : 1.765 Flash point: : 2980 ° C storage temp. : -20 ° C solubility : Miscible with ethanol. form : powder color : White to pink Specific Gravity : 3.97 PH : 7.0 ± 0.5 (in H2O) Water Solubility : INSOLUBLE Merck : 14,356 InChIKey : PNEYBMLMFCGWSK-UHFFFAOYSA-N CAS DataBase Reference : 1344-28-1(CAS DataBase Reference) NIST Chemistry Reference : Aluminum oxide(1344-28-1) EPA Substance Registry System : Aluminum oxide (Al2O3)(1344-28-1) </p>
SAFETY	<p> Hazard Codes:Xi,F Risk Statements:36/37/38-67-36/38-11-36 Safety Statements:26-24/25-16-7-36 RIDADR:UN1219 - class 3 - PG 2 - Isopropanol, solution WGK Germany:- RTECS:BD1200000 F:3 TSCA:Yes HazardClass:8 HS Code:28181010 Hazardous Substances Data:1344-28-1(Hazardous Substances Data) Toxicity:Chronic inhalation of Al2O3 dusts may cause lung damage. </p>