



CYANAMIDE

Item	Value
PRODUCT NAME	cyanamide
PRODUCT IMAGE	
CAS NUMBER	420-04-2
WEIGHT	42.04
FORMULA	CH ₂ N ₂
PROPERTIES	<p> Melting point: : 45-46°C(lit.) Boiling point: : 83°C/0.5mm Hg(lit.) Density : 1,282 g/cm³ refractive index : 1.405 Flash point: : >230°C storage temp. : 2-8°C solubility : ethanol: soluble 10%, clear to hazy, colorless to faintly yellow pka : 1.1(at 29 °C) Specific Gravity : 1.282 Water Solubility : 775 g/L Sensitive : Hygroscopic Merck : 14,2684 BRN : 1732569 Stability: : Unstable - heat sensitive. Incompatible with strong oxidizing agents, strong reducing agents, bases, acids, iron and its salts, steel, brass, lead, moisture. Reacts with acids to produce very toxic gas. InChIKey : XZMCDFFZZKTWFGF-UHFFFAOYSA-N CAS DataBase Reference : 420-04-2(CAS DataBase Reference) NIST Chemistry Reference : Cyanamide(420-04-2) EPA Substance Registry System : Cyanamide(420-04-2) </p>

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SAFETY	Hazard Codes:T Risk Statements:21-25-36/38-43 Safety Statements:3-22-36/37-45-26 RIDADR:UN 2811 6.1/PG 3 WGK Germany:2 RTECS:GS5950000 TSCA:Yes HazardClass:8 PackingGroup:III Hazardous Substances Data:420-04-2(Hazardous Substances Data) Toxicity:LD50 i.p. in male mice: 200-300 mg/kg (Doul)