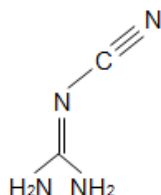


TECHNICAL DATA SHEET

Dicyandiamide (DCD)

Description:



A standard grade dicyandiamide for general industrial applications.
 Synonym: Cyanoguanidine, DCD, DCDA, Dicy
 CAS-No. [461-58-5]

Specification:

Dicyandiamide assay	at least 99.5 %
Water content	max. 0.2 %
Water insoluble matter	max. 0.03 %
Melting point	209-212 °C
APHA	max. 40

Physical Properties:

Molecular weight	84.08
Specific gravity D_{14}^1	1.404 g/cm ³
Appearance	White, fine-crystalline powder

Solubility:

in g/100 g solvent at 20 °C			
Water	3.2	Methanol	3.8
Acetone	0.8	DMF	27.2

Packaging:

25 kg net paper bag (1000 kg per pallet)
 500 kg / 1000 kg net big bag / super sack (1000 kg per pallet)

Storage Conditions:

Two years shelf life, if kept cool and dry. Single stacking is recommended. Caking is an inherent characteristic of dicyandiamide. Inappropriate storage conditions may quicken the caking process. Whilst this affects the physical condition it does not affect the chemical performance in any manner.

Stability:

Dicyandiamide is stable in neutral aqueous solutions up to temperatures of 80 °C for a short time.
 The compound is not hygroscopic.

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