



Uniphos Chemicals

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XF-701 (Carbohydrazide) Oxygen Scavenger

XF-701(carbohydrazide) is used as an oxygen scavenger to prevent corrosion especially in boiler feed system. It is used as an intermediate for organic synthesis as well.

Abbreviation	Carbohydrazide or CHD
Chemical Name	Carbohydrazide
Synonymous Name	1, 3-diaminourea
Molecular Formula	CH ₆ N ₄ O
Molecular Structure	
Commercial Form	Solid
CAS NO.	497-18-7

Typical Properties

Appearance	White Crystal or Granule
Active Content (%)	≥98.0%
pH (12% solution) @ 25 °C	7.2-9.7
Hydrazine	500ppm Max.
Loss Weight, %	0.5Max.

Packaging

25 kg nets in Carton Box or 25 kg nets in Fibre Drum

Note:

XF-701 is likely to become caking due to its chemical property but this issue will not influence its efficiency.