



ALKALI METALS LTD.,

Plot B-5, Block III, IDA, UPPAL, Hyderabad - 500 039, India

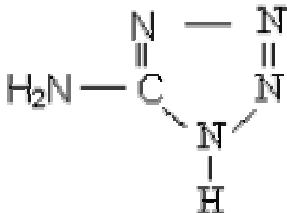
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AN ISO 9001 & 14001 COMPANY



Manufacturers of Sodium Amide, Sodium Alkoxides, Sodium Hydride, Sodium Azide, Tetrazoles, Amino Pyridines, Pyridine Derivatives, Cyclic Compounds, Fine Chemicals, Oleo Chemicals & Oleoresins

PRODUCT	5-AMINO-1H-1,2,3,4-TETRAZOLE
Synonyms	5-AMINO TETRAZOLE
CAS No.	[4418-61-5]
Molecular Formula	CH ₃ N ₅
Formula weight	85.08
Structure	

CHARACTERISTICS	UNITS	SPECIFICATIONS	
		Anhydrous	Monohydrate
Grade	--	CH ₃ N ₅	CH ₃ N ₅ .H ₂ O
Mol. Wt.	--	85.08	103.08
Appearance	--	Off-white to white free flowing crystals	Off-white to white crystals
Assay by Chemical method	%w/w	99 Min.	99 Min.
Moisture	%w/w	0.2 Max.	17 – 18
Water insoluble matter (at 85 °C)	%w/w	0.1 Max.	0.1 Max.
pH of 10% Aq. Solution (at 85 °C)	--	3 to 5	3 to 5
Particle size (100 to 1000 Microns)	%w/w	90 Min.	--
Melting range	°C	202 –206 (Dec.)	198 -202 (Dec.)

Applications :

Nitrogen generation, crash air bag, etc.

Packaging :

25 / 50 Kgs in HDPE drums with PE liners. Each drum carries MSDS.

Labelling :

Drum is sealed and labelled as per UN regulations with a label showing manufacturer's name & address, net wt., gross wt, pkg. No., Batch No. and Hazard label.