



ALKALI METALS LTD.,

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AN ISO 9001 : 2000 & 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	SODIUM AMIDE
Synonyms	Sodamide
CAS No.	[7782-92-5]
UN No.	1390
CLASS	4.3
Pkg. Gr.	II
Hazard	Dangerous when wet
Molecular Formula	NaNH ₂
Formula weight	39.01
Structure	Na — NH₂

CHARACTERISTICS	UNITS	SPECIFICATIONS
Description	--	White to grey in colour. Flakes (1 mm thickness) or Granules (90%, -6 +20 mesh) or Powder (-20 mesh)
Assay as Sodium Amide	% w/w	97.5 Min.
Sodium Amide peroxide (NaNH ₂ O ₂)	% w/w	0.1 Max.
Free Sodium	--	Passes test.

Applications:-

Dehydrating agent, production of Indigo and Hydrazine, Ammonolysis reactions, claisen condensation, alkylation of nitriles and ketones, synthesis of ethanyl compounds, acetylene carbinols.

Packaging:-

1) Packed in double layer polythene bags each holding 5 kg with 25 such packs in one ring lock steel Container with full openable lid.

Alternate packing in polythene bags holding 5/10/15/20 Kg. can also be offered on request.

2) Packed in loose condition without any liner 85 Kg in a air & water tight steel drums with full openable lid and ring lock.

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.