

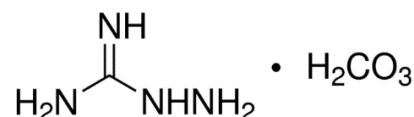


# Product Specification

cdhfinechemical.com

## AMINO GUANIDINE BICARBONATE FOR SYNTHESIS

PRODUCT CODE	007650
SYNONYMS	1-Aminoguanidinium Hydrogen Carbonate, Guanylhydrazine Bicarbonate Salt.
C.I. NO.	--
CASR NO.	(2582-30-1)
ATOMIC OR MOLECULAR FORMULA	$C_2H_8N_4O_3$
ATOMIC OR MOLECULAR WEIGHT	136.11
PROPERTIES	--



PARAMETER	LIMIT
Description	Cream colour powder/crystalline powder.
Solubility	5% in 1M HCl solution is clear.
Minimum assay	97.0%
Melting range	170 – 172°C

### MAXIMUM LIMIT OF IMPURITY

Residue on ignition	0.3%
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**Note(s) :** Assay (if applicable) method mentioned.

### WARNING

**Hazard statements:** Harmful if inhaled. May be harmful if swallowed. Causes skin irritation. Causes serious eye irritation. Very toxic to aquatic life with long lasting effects.

### Precautionary statements

**Prevention:** Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Wash hands thoroughly after handling. Use only outdoors or in a well ventilated area.

**Response:** IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Wear eye/face protection. If eye irritation persists, get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs, seek medical advice/attention. Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Specific treatment: refer to Label or MSDS. IF ON SKIN: Gently wash with plenty of soap and water. Wash/Decontaminate removed clothing before reuse. Remove/Take off immediately all contaminated clothing

**Disposal:** Dispose of contents and container in accordance with relevant legislation.

IMDG Code : 9/III

UN No. : 3077

IATA : 9

Hazard Pictogram(s) :



GHS07



GHS09

Replace Date 07-Apr-2025