

# Product Data Sheet

**(4N) 99.99% Sodium Carbonate Monohydrate**

**Product Code: NA-CB-04-C.1HYD**

**Formula:** Na<sub>2</sub>CO<sub>3</sub> • H<sub>2</sub>O

**CAS No.:** 5968-11-6

**EC No.:** 207-838-8

**MDL:** MFCD00149177

## Chemical Identifiers

<b>Linear Formula</b>	Na <sub>2</sub> CO <sub>3</sub> • H <sub>2</sub> O
<b>MDL Number</b>	MFCD00149177
<b>EC No.</b>	207-838-8
<b>Beilstein Registry No.</b>	N/A
<b>Pubchem CID</b>	2735133
<b>IUPAC Name</b>	disodium carbonate hydrate
<b>SMILES</b>	[Na+].[Na+].[O-]C([O-])=O.O
<b>Inchl Identifier</b>	InChI=1S/CH2O3.2Na.H2O/c2-1(3)4;;;/h(H2,2,3,4);;;1H2/q;2*+1;/p-2
<b>Inchl Key</b>	MQRJBSHKWFOGF-UHFFFAOYSA-L

**Total Metal Impurities:** 0.01% max.

## Packaging Specifications

Typical bulk packaging includes palletized plastic 5 gallon/25 kg. pails, fiber and steel drums to 1 ton super sacks in full container (FCL) or truck load (T/L) quantities. Research and sample quantities and hygroscopic, oxidizing or other air sensitive materials may be packaged under argon or vacuum. Shipping documentation includes a Certificate of Analysis and Safety Data Sheet (SDS). Solutions are packaged in polypropylene, plastic or glass jars up to palletized 440 gallon liquid totes, and 36,000 lb. tanker trucks.

**Documentation**

A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.