Product Data Sheet

(3N) 99.9% Disodium Dihydrogen Ethylenediaminetetraacetate Dihydrate

Product Code: 2NA2H-EDTA-03-C.2HYD

**Formula:** C_{10}H_{14}N_{2}Na_{2}O_{8} • 2H_{2}O

**CAS No.:** 6381-92-6

**EC No.:** 205-358-3

**MDL:** N/A

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**Chemical Identifiers**

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>MDL Number</th>
<th>EC No.</th>
<th>Beilstein Registry No.</th>
<th>Pubchem CID</th>
<th>IUPAC Name</th>
<th>SMILES</th>
<th>InChI Identifier</th>
<th>InChI Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>C_{10}H_{14}N_{2}Na_{2}O_{8} • 2H_{2}O</td>
<td>N/A</td>
<td>205-358-3</td>
<td>3900609</td>
<td>636371</td>
<td>disodium; 2-[[carboxylatomethyl]carboxymethyl]amino]ethyl-[carboxymethyl]amino]acetate; dihydrate</td>
<td>C(CN(CC(-O)O)CC(-O)O][N(CC(-O)O)CC(-O)O][O-O].Na+.[Na+]</td>
<td>InChI=1S/C10H16N2O8.2Na.2H2O/c13-7(14)3-11(4-8(15)16)1-2-12(5-9(17)18)6-10(19)20;;;;/h1-6H2,(H,13,14),(H,15,16),(H,17,18),(H,19,20);2*1H2/q+1;;/p-2</td>
<td>OVBJJZOQPCKUOR-UHFFFAOYSA-L</td>
</tr>
</tbody>
</table>

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**Total Metal Impurities:** 0.1% max.

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**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.

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**Documentation**

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