Product Data Sheet

(2N) 99% Sodium Dodecyl Sulfate

Product Code: NA-DDSAT-02

**Formula:** $\text{CH}_3(\text{CH}_2)_{11}\text{SO}_4\text{Na}$

**CAS No.:** 151-21-3

**EC No.:** 205-788-1

**MDL:** MFCD00036175

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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>InChl Identifier</th>
<th>InChl Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH$_3$(CH$<em>2$)$</em>{11}$SO$_4$Na</td>
<td>MFCD00036175</td>
<td>205-788-1</td>
<td>3599286</td>
<td>3423265</td>
<td>sodium; dodecyl sulfate</td>
<td>CCCCCCCCCCCOS(=O)(=O)[O-].[Na+]</td>
<td>InChI=1S/C12H26O4S.Na/c1-2-3-4-5-6-7-8-9-10-11-12-16-17(13,14)15/h2-12H2,1H3,(H,13,14,15)/q(+1)/p-1</td>
<td>DBMJMQXJHONAFJ-UHFFFAOYSA-M</td>
</tr>
</tbody>
</table>

**Total Metal Impurities:** 1.0% 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.
Documentation

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