Product Data Sheet

Sodium Dodecylbenzenesulfonate
Product Code: NA-DBSAT-01

Formula: \( \text{CH}_3(\text{CH}_2)_{11} \text{C}_6\text{H}_4\text{SO}_3\text{Na} \)

CAS No.: 25155-30-0
EC No.: 246-680-4
MDL: MFCD00011508

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>
</tr>
</thead>
<tbody>
<tr>
<td>( \text{CH}_3(\text{CH}<em>2)</em>{11} \text{C}_6\text{H}_4\text{SO}_3\text{Na} )</td>
<td>MFCD00011508</td>
<td>246-680-4</td>
<td>4171051</td>
<td>23662403</td>
<td>sodium; 2-dodecylbenzenesulfonate</td>
<td>CCCCCCCCCC1-CC=CC=C1S(=O)(=O)[O-][Na+]</td>
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</tbody>
</table>

InChI Identifier: InChI=1S/C18H30O3S.Na/c1-2-3-4-5-6-7-8-9-10-11-14-17-15-12-13-16-18(17)22(19,20)21/h12-13,15-16H2,2-11,14H2,1H3,(H,19,20,21);q+1/p-1

InChI Key: HFQQZARZPUDIFP-UHFFFAOYSA-M

Total Metal Impurities: Variable or N/A

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.