**Product Focus ● Customer Commitment ● Performance Flexibility**

# NAXAF® CD-1

**Product Data Sheet**

**ALKYL NAPHTHALENE SULFONATE, SODIUM SALT - Powder**

**Description:**
The NAXAN® anionic surfactants are a series of sodium salts of alkyl naphthalene sulfonic acid. These products provide excellent wetting, dispersing, hydrotroping and medium to low foaming. They offer acid and base stability, hard-water tolerance and high temperature stability. The NAXAF® naphthalene sulfonate–formaldehyde condensates are used primarily as dispersants in a wide variety of industrial applications.

NAXAF® CD-1 is a sodium salt of polymeric naphthalene sulfonate condensates mixed with a proprietary surfactant blend. It is used in oil/gas well cementing applications.

**CAS #**
9084-06-4

**Product Specifications:**

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance (25°C)</td>
<td>Brown to light brown powder</td>
</tr>
<tr>
<td>Solids Content (wt.%)</td>
<td>95.0 Minimum</td>
</tr>
<tr>
<td>pH (10% aqueous)</td>
<td>8.0-10.5</td>
</tr>
</tbody>
</table>

**Applications:**
Oilfield

**Storage and Handling:**
Store covered in a dry, well ventilated area. Keep container tightly closed when not in use.

**Availability:**
50 pound bags

**Chemical Control Law Status:**
All components of this product are listed or are excluded from listing on the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

**Transport Regulations**

<table>
<thead>
<tr>
<th>Shipping Description</th>
<th>DOT Non-Regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Class: NA</td>
<td>ID Number: NA</td>
</tr>
<tr>
<td></td>
<td>Packing Group: NA</td>
</tr>
<tr>
<td></td>
<td>Label: None</td>
</tr>
</tbody>
</table>

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**Limited Warranty**
The products sold by Nease Co. LLC (“Seller”) shall conform to the Seller’s current published specifications. Seller makes no other warranty, express or implied, including warranty of merchantability or fitness for particular use, whether product is used singly or in combination with other substances or in any process. Nothing contained herein should be considered as a recommendation for use of any product or method in violation of any valid patent now effective or which may issue hereafter. Prior testing for fitness for use and compliance with all applicable statues by the user is a strict condition on the sale of any and all of Seller’s products.