SL-PESAS | Polyepoxysuccinic Acid Sodium

Product Description

Qingdao Lead Oilfield Services Co., Ltd. aim to develop green technology and mass production of stable poly epoxy succinate sodium solid products PESAS. The product storage and transportation safety is convenient, especially for winter storage with less space and cost; the solid product is stable, can quickly dissolve in water, also, it can be equipped with any concentration of liquid products, and the performance is better than the general liquid products.

PESAS has the dual function of scale and corrosion, and has good biodegradability, high temperature of 350 °C. PESAS has good scale inhibition and dispersion for calcium carbonate, barium sulfate, strontium sulfate and calcium oxide; also it has good sustained-release synergistic effect for the combination with other water treatment reagent, can effectively replace the amount of phosphate in the phosphate system. Also, it is the main part of the formula in the low phosphorus and phosphorus water treatment. At the same time, the product possess good resistance chloride performance, scale and corrosion inhibition performance within no affection by the chloride concentration, which can be applied in the low hardness and low alkalinity, and can be applied to the high hardness, high alkali, high pH and high temperature water. It is the new generation of non phosphorus green environment friendly water treatment chemicals.

Technical Indicators

<table>
<thead>
<tr>
<th>Item</th>
<th>Indicator</th>
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<tbody>
<tr>
<td>Appearance</td>
<td>Light amber powder</td>
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<tr>
<td>Effective Content, /%</td>
<td>99.0%</td>
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<tr>
<td>Water-solubility</td>
<td>Instant</td>
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<td>pH (1% aqueous solution)</td>
<td>8.0 - 12.0</td>
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Application Range

1. PESAS can be widely used in the steel, petrochemical, power, chemical and other industries of the circulating cooling water system.

2. PESAS is particularly suitable for washing industry, it is an important non-phosphorus additives.

3. PESAS is especially suitable for high - hardness, high alkali, high PH and high temperature boiler water treatment and power plant wet desulfurization system.

4. PESAS can be used in oilfield water treatment, the crude oil dehydration, seawater desalination, salt brine, membrane separation and other fields.

5. PESAS can be used alone, can also be used in combination with other water treatment chemicals; the concentration can be determined according to the water quality by the experiment, generally 5 - 25mg/L.

Packing and Storage

PESAS for paper bag packaging, lined with plastic bags, net weight 25kg, can also be determined according to the user, 500kg or 1000kg packaging. Storage in dry place, and the storage period is 36 months.

http://www.sloilfield.com

QUALITY, VALUE, RESPONSIBILITY

Because the conditions of use of this product are beyond the seller's control, the product is sold without warranty either express or implied and upon condition that purchaser make its own test to determine the suitability for purchaser's application. Purchaser assumes all risk of use and handling of this product. This product will be replaced if defective in manufacture or packaging or if damaged. Except for such replacement, seller is not liable for any damages caused by this product or its use. The statements and recommendations made herein are believed to be accurate. No guarantee of their accuracy is made, however.
Safety

PESAS basic operation shall wear labor protection supplies, avoid contacting with eyes and skin, in case of contact, should be immediately flush with water for 15 minutes.