

Product Technical Information OSA

H_{HEALTH} **2**
F_{FLAMMABILITY} **1**
R_{REACTIVITY} **0**

Chemical Name: **Octenylsuccinic Anhydride**
Chemical Formula: **C₁₂H₁₈O₃**
Molecular Weight: **210.27**
CAS: **26680-54-6**

Typical Properties

Appearance	Clear, colorless to light yellow liquid
Color (APHA)	200 Max.
Assay	99.0% Min.
Free Acid	1.0% Max.
Acid Number	520-536 mg KOH/g
Maleic Anhydride	0.25 Max.
Olefins	0.3 Max

Features

Octenylsuccinic Anhydride is used in modified food starches. These starches provide functional attributes in Food application that native starches do not provide. These starches can provide properties such as thickening qualities, binding, inhibit moisture, creating texture, or even stabilizing an emulsion. These starches are abundantly available and can provide a low cost advantage where other high priced solutions such as gums need to be used. A maximum of 3% OSA can be used in modified starches.

Industries

Processed foods, beverages, and healthcare products.



Gulf Bayport Chemicals

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Packaging

Drums: 55 gallon metal drum (462 lbs. net)

Shelf Life

Product should be stored in a dry cool area. Containers should remain tightly sealed to avoid moisture absorption, and product hydrolysis. Under these conditions, the product shelf life is 12 months.

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