



N-OSA

Technical Datasheet

Product Information: n-OSA has several applications, in addition to Starch Modification. Other well known applications are as follows. 1) Cross-linking curing agent for epoxy resins 2) Alkyd resin modifier 3) Oil-phase corrosion inhibitor

Chemical Name	N-OCTENYL SUCCINIC ANHYDRIDE		
Grade Name	N-OSA		
CAS No.	26680-54-6		
EINECS No.	247-899-8		
Molecular Formula	C ₁₂ H ₁₈ O ₃		
Synonyms	<ul style="list-style-type: none">• 3-[(E)-OCT-1-ENYL]OXOLANE-2,5-DIONE• 1-OCTENYL SUCCINIC ANHYDRIDE• 2,5-FURANDIONE, DIHYDRO-3-(1-OCTEN-1-YL)		
TEST	SPECIFICATION		METHOD
Appearance	Form: Clear liquid Colour: Colourless to yellow		Visual
Purity	> 96 %		Titration
Colour (APHA)	< 200		Colorimetry
Free Maleic Anhydride	< 0.25		Titration
Free Olefin	< 0.30		Titration
Free Acid	< 1.0		Titration
Total Acid No. (mg KOH/g)	520 - 536		Titration
Solubility at 20 °C	Solvent	Solubility (gm/100ml)	Visual
	Water	Slightly soluble	

Product Applications:

1. Starch sodium octenyl succinate (E1450) as emulsifier in manufacture of drink emulsions, aroma encapsulation, mayonaise & dressings, pastries.
2. Used for the manufacture of cleaning products as surfactant - hydrotrope
3. Used as Cross-linking curing agent for epoxy resins

Product Benifits:

Product Dosage: We strongly recommend testing of your own system under the actual conditions of processing and end-use prior to full scale testing. Exact loading must be determined by compositions of the specific polymer systems.

Polymer Details

Suggested dosage

**Product Handling & safety:**

Please refer to our product MSDS for specific instructions on handling this product.

Product Registration: It is not registered in food contact applications by US FDA.

Title:

Chapter:

Subchapter:

Part:

Subpart:

Section:

Product Disclaimer

Important : This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence breach of warranty, strict liability, and tort or contract arising in connection with product(s). Buyer's sole remedy and Seller's sole Liability for any claims shall be buyer's purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its intended conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or for use for which implantation within human body is intended.