

N-OSA

Technical Datasheet

Chemical Name	OCTENYL SUCCINIC ANHYDRIDE (N-OSA)	
Grade Name	N-OSA	
CAS No.	26680-54-6	
HS Code	29171980	
EINECS No.	247-899-8	
Molecular Formula	C ₁₂ H ₁₈ O ₃	
Synonyms	<ul style="list-style-type: none"> • OCTENYLSUCCINIC ANHYDRIDE23 • 2-OCTENYLSUCCINIC ANHYDRIDE 	
TEST	SPECIFICATION	METHOD
Appearance at 25-30 degree C	Clear, colourless to yellow liquid	Visual
Content n-OSA (%)	Min 96%	Titration / GC
Content OSA (%)	Min 99%	Titration / GC
Colour (Hazen)	Max 200	Spectrophotometer
Content Maleic Anhydride (%)	Max 0.25%	Titration
Content Olefin (%)	Max 0.3%	Titration
Free / Excess acid %	Max 1.0%	Titration
Acid value / Free Acid Content (mg KOH/g)	520-536	Titration-Acidimetric
Heavy Metal-Arsenic ppm	Max 3 ppm	AAS
Content Iron (%)	Max 10 ppm	AAS
Heavy Metal-Lead ppm	Max 5 ppm	AAS

Product Information:

- Used to produce modified starches with various end uses.
- Starch sodium octenyl succinate as emulsifier in manufacture of drink emulsions, aroma encapsulation, mayonnaise & dressings, pastries.
- Modified wheat starch as component in glue.
- Starch sodium octenyl succinate and starch aluminum octenyl succinate are used in Cosmetics as surfactants in cleaning products.
- Cross-linking curing agent for epoxy resins.
- Corrosion inhibitor in formulations.

Product Handling & safety:

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

Product Registration: OCTENYL SUCCINIC ANHYDRIDE (N-OSA) is listed in US FDA for use in food contact applications as follows.

Title: 21-FOOD AND DRUGS

Chapter: I-FOOD AND DRUG ADMINISTRATION DEPARTMENT OF HEALTH AND HUMAN SERVICES

Subchapter: B-FOOD FOR HUMAN CONSUMPTION (CONTINUED)

Part: 172-FOOD ADDITIVES PERMITTED FOR DIRECT ADDITION TO FOOD FOR HUMAN CONSUMPTION

Subpart: I-Multipurpose Additives

Section: 172.892 Food starch-modified

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 contact rising in connection with product(s). Buyers sole remedy and Sellers sole Liability for any claims shall be buyers purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its indented 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.