

Hystrene® 5016 NF

Stearic Acid 50

Description

Hystrene® 5016 NF Food Grade is a high purity mixture of saturated fatty acids with an approximate 50% palmitic acid content.

NF designation implies test method conforms to standard practice as defined by National Formulary at the time of production.

Food Grade designation implies product meets all requirements of the Food Chemical Codex (FCC).

An all vegetable and Kosher versions are also available

General Characteristics

Properties	Typical Values
Acid Number	208
Titer ° C	55
C16%	52
C18%	44
C16+18%	96
Iodine Value	0.4
Lovibond (5.25) Red	0.08
Lovibond (5.25) Yellow	0.8
Water%	0.1

The characteristics listed above are typical and do not constitute specifications

Available Versions

- NF Food Grade
- NF Food Grade Vegetable
- NF Food Grade Vegetable Palm
- NF EXT (For External Use Only)

Standard Packaging

- Drum - 100lbs (45.36kgs)
- Bag - 50lbs (22.68kgs)
- Bulk – Tank trucks, Railcars

Available Forms

- Flake
- Powder
- Molten

PMC Biogenix, Inc.
1231 Pope Street
Memphis, TN 38108

Customer Service
800.641.2152
Fax 800.641.2153

Shipping Condition

- Bulk liquid – Food approved stainless steel tank truck. Loading temperature 170 °F minimum.

Applications

- Chemical Intermediate
- Lubricants)
- Pharmaceutical / cosmetics
- Rubber compounding,

Code Dating

Plant specific batch numbering system

Quality System

- This product is manufactured in accordance with ISO 9001:2008 quality requirements and in accordance with Good Manufacturing Practices (GMP's).

Regulatory Compliance

- Hystrene® 5016NF conforms to the Food Chemical Codex specifications for stearic acids.

FDA Status

- Hystrene® 5016 NF Food Grade Vegetable is approved for direct food substances under 21 CFR 184.1090 (GRAS)

EU Status

- Directive 2002/72/EC – reference no. 24550, no limitations or restrictions on use

Microbiology

Pure fats are not affected by microbial species, since there must be a nutrient-containing aqueous phase in which the organism can grow. The moisture content of this product is below 0.1% at this moisture level product will not support any microbial growth.

Shelf life

- The shelf life will be affected by storage conditions such as temperature, humidity, light and handling. PMC Biogenix has no control over storage at an external site and hence does not guarantee shelf life after the product ships out of its facility.



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Version Date: 10.14.13

Parabens

- Parabens are neither intentionally added to nor can be expected to be formed in or otherwise introduced to the manufacturing process of our Hystrene® 5016 NF products.

Phthalates

- This product does not contain phthalates

California Proposition 65

- This product contains no substances known to the State of California to cause reproductive toxicity at a level of exposure subject to the requirements of Proposition 65

Safety and Handling

- Follow good manufacturing and handling practices.
- Avoid gross contact with the skin and eyes.
- Do not store near strong oxidizing agents.
- Do not store in direct sunlight or expose to extreme heat or cold.
- Store in dry well-ventilated area

This safety and handling information is intended to provide an overview only and is not intended to be an alternative to reading the Material Safety Data Sheet for the product listed. *Please consult the Material Safety Data Sheet for additional information on safety, handling and storage before using this product.*



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