



Safety Data Sheet

Sterotex® K, NF

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

- 1.1 Product Identifier**
Trade Name: Sterotex® K, NF
Product Code: 2552, 2553
- 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against Product Use:** Various Food, Cosmetic, and Industrial Uses
- 1.3 Details of the Supplier of the Safety Data Sheet**
Manufactured For: ABITEC Corporation
1800 South Main Street
Paris IL 61944
Information Phone Number: Product Stewardship: 608-752-9007
E-mail: SDS@abiteccorp.com
- 1.4 Emergency Telephone Number**
Emergency Spill Information CHEMTREC: (800) 424-9300
International Call Collect: (703) 527-3887

SDS Date of Preparation: August 29, 2017

SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the Substance or Mixture**
US Hazard Classification (29CFR 1910.1200-2012): Combustible Dust
GHS / EU CLP Classification (No 1272/2008): Not classified as a hazardous substance.
- 2.2 Label Elements**
Warning! May form combustible dust concentrations in air.
- 2.3 Other Hazards**
None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture:

Chemical Name	CAS#	EINECS# / REACH Registration	GHS/CLP Classification	%
Hydrogenated Cottonseed Oil	8016-70-4	232-410-2	Not classified as dangerous	>60
Castor Wax	8001-78-3	232-292-2	Not classified as dangerous	<40

See Section 16 for further information on GHS Classification.

SECTION 4: FIRST AID MEASURES

- 4.1 Description of First Aid Measures**
Eye: Flush with large quantities of water. Obtain medical attention if irritation persists.
Skin: Wash with soap and water. Get medical attention if irritation develops.
Inhalation: Remove victim to fresh air. Get medical attention if irritation develops or persists.
Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if irritation develops.



Safety Data Sheet

Sterotex® K, NF

- 4.2 Most Important symptoms and effects, both acute and delayed:**
Poses little or no health hazard.
- 4.3 Indication of any immediate medical attention and special treatment needed:** Immediate medical attention is not required.

SECTION 5: FIRE FIGHTING MEASURES

- 5.1 Extinguishing Media:**
Use water fog or spray, foam, carbon dioxide or dry chemical.
- 5.2 Special Hazards Arising from the Substance or Mixture**
Unusual Fire and Explosion Hazards: Not considered flammable but will burn under fire conditions. High concentrations of dust suspended in air may present a dust explosion hazard.
Hazardous Decomposition Products: Carbon monoxide. Carbon dioxide.
- 5.3 Special Protective Actions for Fire-Fighters:**
Special Fire Fighting Procedures: Do not use heavy stream of water. Burning material may splatter surrounding area and spread fire. Strong water stream may raise dust into the air potentially contributing to an explosive dust atmosphere. Cool fire exposed containers with water.
Fire Fighting Equipment: As in any fire, wear positive pressure, self-contained breathing apparatus and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precautions, Protective Equipment and Emergency Procedures:**
Wear appropriate protective equipment.
- 6.2 Environmental Precautions:**
Prevent run-off to sewers, streams or other bodies of water. Report spills and releases as required to appropriate authorities.
- 6.3 Methods and Material for Containment and Cleaning Up:**
Small Spill: Stop spill at source. Vacuum, scoop or sweep up, avoiding the creation of airborne dust. For vacuuming use only explosion-proof equipment. Place in a disposal container.
Large Spill: Stop spill at source. Moisten with a light water fog to reduce the generation of airborne dust. Eliminate all ignition sources. Carefully scoop or sweep up and place into an appropriate container for disposal. Wash floors with hot soapy water to prevent slipping.
- 6.4 Reference to Other Sections:**
Refer to Section 8 for protective equipment. Refer to Section 13 for disposal guidance.

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for Safe Handling:**
Avoid breathing dust. Use with adequate ventilation. Avoid contact with the eyes. Wear recommended personal protective equipment. Wash thoroughly after handling. Keep product away from heat, sparks and flames. Keep containers closed when not in use. Minimize the generation of airborne dust in handling. Use good housekeeping to prevent the accumulation of dust in the work area.
- 7.2 Conditions for Safe Storage, Including any Incompatibilities:**
Store in a dry area away from heat and flames. Keep containers closed when not in use.
- 7.3 Specific end use(s):**
Various Food, Cosmetic, and Industrial Uses



Safety Data Sheet

Sterotex® K, NF

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Chemical Name	Exposure Limits
Hydrogenated Cottonseed Oil (as vegetable oil mists)	5 mg/m ³ (respirable dust), 15 mg/m ³ (total dust) TWA OSHA PEL 4 mg/m ³ (respirable dust), 10 mg/m ³ (total dust) TWA UK WEL 1.5 mg/m ³ (respirable dust), 4 mg/m ³ (inhalable) TWA DFG MAK
Castor Wax (as PNOC)	15 mg/m ³ TWA OSH PEL (total dust), 5 mg/m ³ TWA (respirable fraction)

8.2 Exposure Controls:

Engineering Controls: Good general ventilation should be sufficient to control airborne levels. If processing or handling creates airborne dust, local exhaust may be required to control exposure levels. Use explosion-proof equipment where required.

Eye and Face: Safety glasses or goggles recommended. In Europe follow EN 166.

Skin: Impervious gloves where needed to avoid prolonged contact. In Europe follow EN 374.

Respiratory: In the presence of dusts, the use of an approved respirator is recommended. Follow applicable regulations and good Industrial Hygiene practice.

Protective Clothing: Wear a work uniform or tyvek suit if needed to avoid contamination of personal clothing.

Work Hygienic Practices: Remove contaminated clothing and launder or dispose in an approved waste disposal facility. Wash hands with soap and water after handling product or clothing containing residual.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties:

Physical State: Solid	Appearance: Fine white powder or beads.
Odor: Sweet vegetable oil odor.	Odor Threshold: Not determined
pH: Not determined	Specific Gravity: : ~0.9 @ 100°F (37.78°C)
Boiling Point: >500°F (>260°C)	Melting Point: 178 -183°F (81.1 – 83.9°C) capillary
Vapor Pressure: Not applicable	Water Solubility: Insoluble
Vapor Density: Not applicable	Evaporation Rate: Nil
Viscosity: Not determined	Pour Point: Not determined
Flash Point: >260°C (>500°F) (COC)	Flammable Limits: LEL: Not determined
Autoignition Temperature: Not determined	Flammable Limits: UEL: Not determined
Percent Volatile: Not determined	Flammability (solid/gas): Not flammable
Partition Coefficient: n-octanol/water: Not determined	Decomposition Temperature: Not determined
Explosive Properties: Combustible dust	Oxidizing Properties: Not an oxidizer

9.2 Other Information:

None

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

Not reactive

10.2 Chemical Stability:

Stable

10.3 Possibility of Hazardous Reactions:

Will not occur.

10.4 Conditions to Avoid:

Keep away from heat, sparks, flames and other sources of ignition.

10.5 Incompatible Materials:

3 of 6



Safety Data Sheet

Sterotex® K, NF

Oxidizers.

10.6 Hazardous Decomposition Products:

Carbon monoxide. Carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Eye: May cause slight irritation.

Skin: May cause slight irritation.

Skin Absorption: No evidence of adverse effects from available information.

Ingestion: No evidence of adverse effects from available information.

Inhalation: Dust may be slightly irritating to respiratory tract. Considered a nuisance dust.

Chronic Toxicity: No adverse effects expected.

Acute Toxicity Data:

Hydrogenated cottonseed oil: LD50 oral rat >5000 mg/kg

Castor Wax: LD50 oral rat >10,000 mg/kg

Irritation: This product is not expected to cause irritation.

Corrosivity: This product is not expected to be corrosive..

Sensitization: This product is not expected to cause sensitization. Hydrogenated cottonseed oil: Not a sensitizer in guinea pigs or in human studies.

Germ Cell Mutagenicity: This product is not expected to present a mutagenic hazard. Castor wax: Negative in the AMES assay.

Carcinogenicity: None of the components of this product are listed as carcinogens by OSHA, IARC, NTP, ACGIH or the EU CLP.

Reproductive Toxicity: Not expected to be hazardous to reproduction or to the unborn child. Hydrogenated cottonseed oil: No adverse reproductive or teratogenic effects were observed in studies with rats.

Specific Target Organ Toxicity:

Single Exposure: No data available

Repeat Exposure: Hydrogenated cottonseed oil: No adverse effects were observed in lifetime feeding studies in rats or rabbits.

Aspiration Hazard: This product is not classified as an aspiration hazard.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

Castor Wax: LC50 brachydanio rerio >10,000 mg/L/96 hr.

Hydrogenated cottonseed oil - no specific data is available.

Not expected to be toxic to aquatic organisms.

12.2 Persistence and Degradability:

Expected to be biodegradable. Not water soluble. Avoid release to the environment.

12.3 Bioaccumulative Potential:

Not expected to be toxic to aquatic organisms.

12.4 Mobility in Soil:

Not applicable



Safety Data Sheet

Sterotex® K, NF

12.5 Results of PBT and vPvB Assessment:

Not required.

12.6 Other Adverse Effects:

Not known

SECTION 13: DISPOSAL INFORMATION

13.1 Waste Treatment Methods

Disposal Method: Dispose in accordance with all local, state and federal regulations.

Empty Container: Remove product residue and dispose of container at an approved waste handling facility.

General Comments: It is the responsibility of the user of this product to characterize wastes generated to determine if the waste meets the definition of hazardous waste.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Transport Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
US DOT	None	Not regulated	None	None	Not applicable
EU ADR/RID	None	Not regulated	None	None	Not applicable
IMDG	None	Not regulated	None	None	Not applicable
IATA	None	Not regulated	None	None	Not applicable

14.6 Special Precautions for User:

None

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:

Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environment Regulations/Legislation Specific for the Substance or Mixture:

US Regulations:

EPA SARA 311/312 Hazard Classification: Classified under OSHA Hazcom 2012 GHS as per Section 2 of this SDS.

EPA SARA 313: This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

Protection Of Stratospheric Ozone: This product is not known to contain or to have been manufactured with ozone depleting substances as defined in 40 CFR Part 82, Appendix A to Subpart A.

CERCLA Section 103: This product is not subject to CERCLA spill reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

California Proposition 65: This product is not known to contain chemicals regulated under Proposition 65.

Chemical Inventories:

EPA TSCA Inventory: All of the components of this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

Canadian CEPA: All of the components are listed on the Canadian DSL.

EU EINECS: All of the components are listed on the EINECS inventory.

Australia: All of the components are listed on the AICS inventory.

New Zealand: All of the components are listed on the New Zealand Inventory of Chemicals

Korea: All of the components are listed on the Korean Existing Chemicals Inventory

Philippines: All the components are listed in the Philippine Inventory.

China: All the components are listed on the Chinese chemical inventory.

15.2 Chemical Safety Assessment:



Safety Data Sheet

Sterotex® K, NF

Not required

SECTION 16: OTHER INFORMATION

NFPA RATING (NFPA 704) - FIRE: 2 HEALTH: 1 INSTABILITY: 0

GHS Hazard Phrases for Reference (See Sections 2 and 3):

None.

Date of current revision: August 29, 2017

Revision History: Comprehensive review and update.

Date of previous revision: May 23, 2016

Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and handling of Combustible Particulate Solids, for safe handling.

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