



Safety Data Sheet

NUTRI SPERSE® MCT 70 POWDER

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

- 1.1 Product Identifier**
Trade Name: NUTRI SPERSE® MCT 70 POWDER
Product Code: 2388
- 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against**
Product Use: Nutritional Base Powder
- 1.3 Details of the Supplier of the Safety Data Sheet**
Manufactured for: ABITEC Corporation
1800 S Main St
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: April 13, 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 dangerous 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 Mixtures

Chemical Name	CAS# /	EINECS#	GHS/CLP Classification	%
Synthetic Amorphous Silica	112926-00-8	231-545-4	Not Classified as dangerous	<2
Sodium Sulfate	7757-82-6	231-820-9	Not Classified as dangerous	<0.1
Mixture of non-hazardous organic compounds	Mixture	Mixture	Not Classified as dangerous	Balance

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 persists.
Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Get medical attention.
- 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:** None known



Safety Data Sheet

NUTRI SPERSE® MCT 70 POWDER

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: Dust or suspended powder generated in handling this material may present a potential fire and explosion hazard if suspended in air at high concentrations. Settled dust presents a fire hazard. Resuspension of the dust into the air by vibration, traffic, material handling, etc. in high concentrations in the presence of an ignition source could result in a dust explosion. Minimize the generation and accumulation of dust.
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: Collect product in a manner that minimizes the generation of airborne dust. Clean spill area thoroughly to prevent the accumulation of combustible dust in the work area.
Large Spill: Collect product in a manner that minimizes the generation of airborne dust. If a vacuum is used, explosion proof equipment is required. Nonsparking tools should be used. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentrations. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air.). 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 contact with eyes, skin and clothing. Avoid creating and breathing dusts. Wear protective clothing and equipment as described in Section 8. Use with adequate ventilation. Wash with soap and water after handling. Minimize the generation and accumulation of dust. Keep dust away from open flames, hot surfaces and sources of ignition. Follow good housekeeping practices to keep surfaces, including areas overhead such as piping, drop ceilings, ductwork, etc. free from settled dust. Dry powders can build static electricity charges when subjected to friction of transfer and in mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.
- 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):**
Nutritional Base Powders



Safety Data Sheet

NUTRI SPERSE® MCT 70 POWDER

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Chemical Name	Exposure Limits
Synthetic Amorphous Silica	80 mg/m ³ TWA OSHA PEL % SiO ₂ 6 mg/m ³ (inhalable), 2.4 mg/m ³ (respirable) TWA UK WEL Belgium 10 mg/m ³ TWA 4 mg/m ³ (inhalable) TWA DFG MAK
Sodium Sulfate	None Established
Non-hazardous Organic Compounds	5 mg/m ³ (respirable dust), 15 mg/m ³ (total dust) TWA OSHA PEL (as PNOC) 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

8.2 Exposure Controls:

Engineering Controls: Use with adequate local exhaust ventilation to minimize exposures. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling this product contain explosion relief vents or an explosion suppression system or an oxygen deficient environment. Ensure that dust handling systems (such as exhaust ducts, dust collectors, vessels and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e. there is no leakage from the equipment). Use only appropriately classified electrical equipment and powered industrial trucks.

Eye and Face: Safety glasses or goggles recommended.

Skin: Impervious gloves such as rubber or neoprene where needed to avoid prolonged contact.

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: White to light cream powder.
Odor: Consistent with vegetable oil.	Odor Threshold: Not determined
pH: Not applicable	Specific Gravity: Not available
Boiling Point: Not applicable	Melting Point: Not applicable
Vapor Pressure: Not applicable	Water Solubility: Insoluble
Vapor Density: Not applicable	Evaporation Rate: Nil
Viscosity: Not applicable	Pour Point: Not determined
Flash Point: Not applicable	Flammable Limits: LEL: Not determined
Autoignition Temperature: Not determined	Flammable Limits: UEL: Not determined
Percent Volatile: Not determined	Flammability (solid/gas): Combustible dust
Partition Coefficient: n-octanol/water: Not determined	Decomposition Temperature: Not determined
Explosive Properties: Not explosive	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



Safety Data Sheet

NUTRI SPERSE® MCT 70 POWDER

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:

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. No adverse effects were observed in lifetime feeding studies in rats or rabbits.

Acute Toxicity Data:

Based on the components, the acute oral toxicity is expected to be >5000 mg/kg

Skin Irritation/Corrosion: This product is not expected to cause irritation or corrosion.

Serious Eye Damage/Irritation: This product is not expected to cause irritation or eye damage.

Respiratory or Skin Sensitization: Components were not sensitizers in guinea pigs or in human studies.

Specific Target Organ Toxicity:

Single Exposure (STOT-SE): No data available. No adverse effects are expected.

Repeated Exposure (STOT-RE): No data available. No adverse effects are expected.

Carcinogen Status: This product is not listed as a carcinogen by OSHA, IARC, NTP, ACGIH or the EU CLP.

Mutagenicity: This product is not expected to present a mutagenic hazard.

Toxicity for Reproduction: No specific data is available. Not expected to be hazardous to reproduction or to the unborn child.

Aspiration Hazard: Not an aspiration hazard.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

No specific data is available. Not expected to be toxic to aquatic organisms.

12.2 Persistence and Degradability:

Expected to be biodegradable.

12.3 Bioaccumulative Potential:

Not expected to be toxic to aquatic organisms.

12.4 Mobility in Soil:

Not applicable

12.5 Results of PBT and vPvB Assessment:

Not required.

12.6 Other Adverse Effects:

Not known



Safety Data Sheet

NUTRI SPERSE® MCT 70 POWDER

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: Fire Hazard

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:

US TSCA 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.

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

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

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

Philippines: All the components are listed in the Philippine 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

15.2 Chemical Safety Assessment:

Not required



Safety Data Sheet

NUTRI SPERSE® MCT 70 POWDER

SECTION 16: OTHER INFORMATION

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

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.

GHS Hazard Phrases for Reference (See Sections 2 and 3): None.

Date of Current Revision: April 13, 2017

Revision Summary: Comprehensive review and update.

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