



Safety Data Sheet

NUTRI SPERSE®

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

1.1 Product Identifier

Trade Names	2565	NUTRI SPERSE HOS 73 POWDER
	2572	NUTRI SPERSE HOS 73 F POWDER
	2567	NUTRI SPERSE HOS 70 ND POWDER
	2568	NUTRI SPERSE CAN 70 POWDER
	2569	NUTRI SPERSE HOSO M POWDER
	2570	NUTRI SPERSE SOY 70 POWDER

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Product Use: Nutritional Base Powder / Shortening Powders

1.3 Details of the Supplier of the Safety Data Sheet

Manufactured for: ABITEC Corporation
501 W First Ave
Columbus OH, 43215

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: December 27, 2017

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

US Hazard Classification (29CFR 1910.1200): Combustible Dust

EU CLP Classification: Not classified as a dangerous substance.

2.2 Label Elements:

WARNING. May form combustible dust concentration in air.

2.3 Other Hazards: None known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical Name	CAS# /	EINECS#	GHS/CLP Classification	%
Non-Hazardous Ingredients	Proprietary	Proprietary	Not classified as hazardous	100

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: First aid should not be required. Get medical attention if adverse symptoms develop.

4.2 Most Important symptoms and effects, both acute and delayed:

Dust may cause eye irritation. Inhalation of dust from handling may cause upper respiratory tract irritation. Handling may cause dryness of the skin.



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4.3 **Indication of any immediate medical attention and special treatment needed:** None known

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media:

Use water spray or fog, foam, carbon dioxide, dry chemical or carbon dioxide. Do not use straight water stream as this may create a dust cloud and cause a dust explosion.

5.2 Special Hazards Arising from the Substance or Mixture

Unusual Fire and Explosion Hazards: Not considered flammable but will burn under fire conditions. Dust 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. Use caution as product becomes slippery when wet.

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 suitable protective clothing. Caution – slip hazard. Avoid wetting material as it becomes very slippery when wet. Eliminate all ignition sources.

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:

Stop spill at source. Collect using methods that avoid the generation of dust (pick up or sweep up carefully) and place in appropriate container for disposal. If dust is present, do not use vacuum unless explosion-proof. Non-sparking 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 13 for disposal information.

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. Wash thoroughly after handling. Keep containers closed when not in use.

7.2 Conditions for Safe Storage, Including any Incompatibilities

Store in a cool, dry, well-ventilated area away from heat or flame. Bags should be kept sealed and dry. Avoid prolonged storage at elevated temperatures. Store away from oxidizers and other reactive chemicals.

7.3 Specific end use(s):



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Various Food, Cosmetic, and Pharmaceutical Uses

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Chemical Name	Exposure Limits
Non-Hazardous Ingredients (as particulates not otherwise classified)	15 mg/m ³ TWA OSHA PEL (Total Dust) 5 mg/m ³ TWA OSHA PEL (Respirable Fraction) 0.3 mg/m ³ (respirable), 4 mg/m ³ (inhalable) TWA Germany 4 mg/m ³ (respirable), 10 mg/m ³ (inhalable) TWA UK 5 mg/m ³ (respirable), 10 mg/m ³ (inhalable) TWA France

Refer to local regulations for exposure limits not listed above.

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: Follow facility requirements. Dust goggles recommended for dusty conditions.

Skin: None needed under normal use.

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

Protective Clothing: None normally required.

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.

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 determined
Boiling Point: Not applicable	Melting Point: Not determined
Vapor Pressure: Not applicable	Water Solubility: Appreciable
Vapor Density: Not applicable	Evaporation Rate: Not applicable
Viscosity: Not applicable	Pour Point: Not applicable
Flash Point: Not applicable	Flammable Limits: LEL: Not applicable
Autoignition Temperature: Not determined	Flammable Limits: UEL: Not applicable
Percent Volatile: Not applicable	Flammability (solid/gas): Combustible Dust
Partition Coefficient: n-octanol/water: Not determined	Decomposition Temperature: Not determined
Explosive Properties: Dust may form explosive mixtures in air	Oxidizing Properties: Not an oxidizer

9.2 Other Information:

None

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

Not reactive under normal conditions of use

10.2 Chemical Stability:

Stable

10.3 Possibility of Hazardous Reactions:

Will not occur.

10.4 Conditions to Avoid:



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Keep away from heat, sparks, flames and other sources of ignition. Avoid creating high concentrations of dust in air.

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 mechanical, abrasive eye irritation.

Skin: Prolonged skin contact may cause mild irritation. Handling may cause dryness of the skin.

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: Not acutely toxic.

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: Not expected to cause sensitization.

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: None of the components of this product are listed as carcinogens 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:

No data is available.

12.3 Bioaccumulative Potential:

No data is available.

12.4 Mobility in Soil:

No data is available

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



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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
ICAO	None	Not regulated	None	None	Not applicable
IMDG	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: Not Hazardous

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: This product can only be used for cosmetic, food/feed and pharmaceutical uses. It may contain components that are not listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

Canadian CEPA: This product can only be used for cosmetic, food/feed and pharmaceutical uses.

EU EINECS: This product can only be used for cosmetic, food/feed and pharmaceutical uses.

AICS: This product can only be used for cosmetic, food/feed and pharmaceutical uses.

CANADIAN DSL: This product can only be used for cosmetic, food/feed and pharmaceutical uses.

China: This product can only be used for cosmetic, food/feed and pharmaceutical uses.

Philippines: This product can only be used for cosmetic, food/feed and pharmaceutical uses.

New Zealand: This product can only be used for cosmetic, food/feed and pharmaceutical uses.

Korea: This product can only be used for cosmetic, food/feed and pharmaceutical uses.

15.2 Chemical Safety Assessment:

Not required

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.



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

Date of Current Revision: December 27, 2017

Revision Summary: Section 1.1 - Added new product name.

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