



Innovation through Nature

Material Safety Data Sheet

SUPRO® 516

Isolated Soy Protein

Last Revised: 03/09/2011

Section 1 - Company Information

Solae, LLC
4300 Duncan Avenue
St. Louis, MO USA 63110

Transportation Emergency:
Product Information:

1.800.424.9300 CHEMTREC
314.659.3000
(Available 8:00am - 4:30pm CST)
solaecustomerfirst@solae.com

This Material Safety Data Sheet is provided as general information for health and safety guidance. To the best of our knowledge the above named product does not meet the definition of "Hazardous Chemical" as defined in the OSHA "Hazard Communication Standard" regulation 29 CFR 1910.1200. NA = not applicable ND = not determined

Section 2 - Hazards Identification

Health Hazards (Acute & Chronic): None known.

Potential Health Effects

Routes of Exposure:

Symptoms:

Eye:	Yes	Mild eye irritation.
Skin:	Yes	Mild skin irritation.
Inhalation:	Yes	May cause irritation to upper respiratory tract (nose and throat).
Ingestion:	Yes	An allergic reaction may occur in some persons due to ingestion of or contact with ingredients of this product. ¹

¹ The ingredient(s) contained in this product are listed on the US FDA "8 Major Food Allergen List (milk, egg, fish, crustacean shellfish, tree nuts, wheat, peanuts, soybeans)". This product should therefore be treated as a potential allergen. Contact with this product may result in an allergic reaction in some persons.

Section 3 - Composition/Information on Ingredients

Components (Specific Chemical Identity); Common Name(s)	CAS #	% by Wt.	OSHA PELs	ACGIH TLV
Isolated Soy Protein	9010-10-0	N/A	N/A	N/A

Section 4 - First Aid Measures

Eye: Flush with water for at least 15 to 20 minutes.
Skin: Wash with soap and water for 15 minutes.
Inhalation: Move to fresh air immediately.
Ingestion: Wash mouth out with water. If breathing difficulty occurs, seek medical attention. Do not administer anything by mouth to an unconscious person.

Consult a physician if situation warrants.

Section 5 - Fire Fighting Measures

Flammable Properties

Flash Point: Not Applicable

Method: Not Applicable

Flammable Limits in Air:

LEL (Lower Explosive Limit): Not Applicable

UEL (Upper Explosive Limit): Not Applicable

Extinguishing Media:

Dry chemical or foam. Water effective.

Fire Fighting Instructions:

Wear full protective clothing and NIOSH approved self-contained breathing apparatus. Material will burn if involved in a fire. Like most organic powders, under severe dusting conditions, this material may form explosive dust-air mixture.

Section 6 - Accidental Release Measures

Accidental Materials Release or Spill: Sweep up material and place into suitable disposal containers. Do not allow spillage into sewage system, surface water or ground water.

Waste Disposal Method: Material is biodegradable; dispose of material in approved sanitary landfill in accordance with State and Federal regulations.

Section 7 - Handling & Storage

Store in closed container. Product should be stored on pallets without contact with walls, ceiling and/or floor. Storage areas should be well ventilated and free of strong and objectionable odors. For best results, it is recommended that this product be stored at an average yearly temperature of less than 23°C (73°F).

Section 8 - Exposure Controls / Personal Protection

Engineering Controls

Ventilation / Exhaust:

Good general ventilation should be provided to keep dust concentration below exposure limits.

Personal Protective Equipment

Eye/Face Protection:

Safety goggles recommended

Skin Protection:

Not normally required

Respiratory Protection:

Dust/mist type mask recommended.

Exposure Guidelines:

Dusty conditions exceeding 15 mg/m³ (OSHA PEL), 10 mg/m³ (NIOSH/TLV)

Section 9 - Physical & Chemical Properties

Boiling point:

Not Applicable

Appearance & Odor:

Cream color powder with mild cereal/soy odor

Melting Point:

Not Applicable

Solubility in Water:

Dispersible

Vapor pressure:

Not Applicable

Vapor density (AIR = 1):

Not Applicable

Evaporation rate:

Not Applicable

Section 10 - Stability & Reactivity

Stability:	Stable under normal temperatures and pressures.
Conditions to avoid:	Keep dry until uses. Avoid generating or breathing dust in the air.
Incompatibility with other materials:	None Known
Hazardous Decomposition Products:	None Known
Hazardous Polymerization:	Will not occur

Section 11 - Toxicological Information

Not Applicable

Section 12 - Ecological Information

Not Applicable

Section 13 - Disposal Considerations

Material is non-hazardous. Dispose of in accordance to Federal, State, and local regulations.

Section 14 - Transport Information

Shipping Information - Not regulated as hazardous material by Department of Transportation.

Section 15 - Regulatory Information

USA - Soy proteins are generally recognized as safe (GRAS) based upon 21 CFR 170.30 and/or the use of conventional processing as practiced prior to 1958.

European Union - Soy proteins are accepted food ingredients.

World Health Organization - Soy proteins are approved as a food ingredient under Codex Alimentarius standard for Soy Protein Products Codex Standard 175 and for Vegetable Protein Products Codex Standard 174.

Section 16 - Other Information

Work/Hygienic Practices:

Use good personal hygiene practices as necessary for food products.

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