



# SAFETY DATA SHEET

## Section 1: Identification

**Product Name:** Sunflower Seed Flour

**Chemical Name/Synonyms:**

NITRO-MILLED® CONV. SUNFLOWER

NITRO-MILLED® CONV. SUNFLOWER - Treated

NITRO-MILLED® ORGANIC SUNFLOWER

NITRO-MILLED® ORGANIC SUNFLOWER - Treated

NITRO-MILLED® SUNFLOWER KERNELS, ORGANIC - Fine  
SUNFLOWER FLAKES

DEFATTED SUNFLOWER FLOUR (imported)

SUNFLOWER PROTEIN POWDER, CONV (produced in house)

SUNFLOWER PROTEIN POWDER, ORG (produced in house)

SUNFLOWER PROTEIN POWDER, CONV - Treated (produced in house)

SUNFLOWER PROTEIN POWDER, ORG - Treated (produced in house)

CONVENTIONAL SUNFLOWER PROTEIN POWDER EXTRA FINE TREATED

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**In an emergency, call 911.**

**For information about this SDS:**

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**908-777-5151**

## Section 2: Hazard(s) Identification



**Hazard Classification:** Combustible dust

**Signal Word(s):** None

**Hazard Statements:** May form combustible dust concentrations in air

**Pictograms:** None

**Precautionary Statements:** None

**Emergency overview:** Non-hazardous under normal use

### Section 3: Composition/ Information on Ingredients

Chemical Name	Synonym	CAS#	Conc.
Sunflower Seeds Flour	See Above	68937-99-5.	N/A

Sunflower CAS 68937-99-5.

### Section 4: First-Aid Measures

**After skin contact:** Wash with soap and water

**After eye contact:** Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.

**After inhalation:** Remove victim from exposure. Keep at rest until fully recovered. Seek medical advice if respiratory difficulty persists..

**After swallowing:** No hazard; food-grade product; if ingested quantity is within recommended amounts.

### Section 5: Fire-Fighting Measures

**Suitable extinguishing agents:** Water fog or, if unavailable, fine water spray; foam

**Special protective equipment for firefighters:** Use self contained breathing equipment for fighting interior fires. May produce carbon monoxide, carbon dioxide and smoke during thermal decomposition or combustion



### Section 6: Accidental Release Measures

**Personal precautions:** None  
**Measures for environmental protection:** None  
**Measures for cleaning/collecting:** Vacuum or sweep; Discard in regular garbage removal

### Section 7: Handling and Storage

**Handling:** Keep away from fire and open flame  
**Storage:** Store in a cool place out of direct sunlight and moisture. Store away from oxidizing agents. Keep containers closed at all times. Check regularly for spills.

### Section 8: Exposure Controls/Personal Protection

Chemical Name	OSHA PEL	OSHA PEL (ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
None established				

**General protective and hygienic measures:**  
**Breathing equipment:** None required  
**Protection of hands:** Gloves for sanitary purposes  
**Eye protection:** None required; Dust goggles should be worn if handling in a way that generates dust.

### Section 9: Physical and Chemical Properties



**Form:** Flour  
**Odor:** Characteristic  
**Odor threshold:** None  
**Melting point/melting range:** N/A  
**Boiling point/boiling range:** N/A  
**Flash point:** N/A  
**Evaporation rate:** N/A  
**Flammability:** Non-Flammable Solid  
**Danger of explosion:** Powder has the potential to form an explosive mixture with air. Good housekeeping is required to minimize this potential.  
**Vapor pressure:** N/A  
**Vapor density:** N/A  
**Relative density:** N/A  
**Solubility in/Miscibility with water:** Partially soluble in water

#### Section 10: Stability and Reactivity

**Stability:** Stable under recommended storage conditions  
**Conditions to avoid:** Exposure to air or moisture over prolonged periods.

#### Section 11: Toxicological Information

**Acute toxicity:** Oral LD50 (rat): >10 g/kg BW  
**Potential routes of exposure/potential health effects**  
**Skin:** Redness and itching  
**Eye:** Redness, tearing itching, burning, conjunctivitis  
**Inhalation:** Irritation of mucous membranes, coughing, wheezing, shortness of breath  
**Ingestion:** Irritation and burning sensations of mouth and throat, nausea, vomiting, and abdominal pain.  
**Carcinogenic effects:** Not listed as carcinogenic by IARC, OSHA, NTP  
**Mutagenic effects:** No data available  
**Reproductive toxicity:** No data available

#### Section 12: Ecological Information (non-mandatory)



**Biodegradation:100%**

**Section 13: Disposal Considerations (non-mandatory)**

Dispose in normal garbage removal. Material is 100% biodegradable. Dispose of in accordance with federal, state, and local regulations.

**Section 14: Transport Information (non-mandatory)**

Product is not classified as a Hazardous or Dangerous Substance according to EU directive 67/548/CE

**Section 15: Regulatory Information (non-mandatory)**

Product is not classified a Dangerous Substance according to EU directive 67/548/CE

**Section 16: Other Information**

**SDS date of preparation/update:** Updated March 19, 2025