

Material safety data sheet - Pea protein concentrate

1. Product and company identification

Product Name: pea protein concentrate
Trade name: pea protein concentrate

2. Hazard identification

Classification according to regulation (EC) No. 1272/2008

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. This substance is not classified as dangerous according to Directive 67/548/EEC.

Label elements:

The product does not need to be labelled in accordance with EC directives or respective national laws.

3. Composition | information of ingredients

Product Name : Pea protein concentrate

Component	CAS Number	%
Flour dust	Not available	10-100

Exposure limits	PEL (TWA)	PEL (STEL)	TLV (TWA)
Nuisance Particules	10 mg / m ³	not applicable	4 mg / m ³

4. Hazard identification

Eyes : Contact may cause slight irritation due to mechanical action. Symptoms include redness and tearing.

Skin : Contact with dust may cause slight irritation.

Inhalations : Prolonged inhalations of excessive amounts of nuisance dusts may affect respiratory system causing cough and aggravating previously existing respiratory disorders. Prolonged or repeated over exposure may cause lung damage.

Ingestions : None expected.

Chronic : None known.

Medical conditions

Aggravated by exposure : Allergies, pre-existing lung conditions or asthma.

Primary routes of entry : Inhalation.

Potential carcinogens present (OSHA, IARC, NTP) : None known.

5. First aid measures

Eyes : Flush with water for 15 minutes. Consult a physician if irritation persists.

Skin : Wash with soap and water.

Inhalations : Move to fresh air.

Plant Based Positive Impact®

6. Firefighting measures

Flash point	:	not applicable
Flammable limits	:	LFL: 55 gm/ m ³ UFL: Unknown
Extinguishing media	:	Foam, CO ₂ , dry chemical, water fog.

SPECIAL FIRE FIGHTING PROCEDURES :

Do not use direct hose stream if dust can be dispersed into air. Dust dispersed by water stream in the presence of an ignition source could cause an explosion.

FIRE AND EXPLOSION HAZARDS:

If improperly handle, stored and/or exposed to an ignition source, this material may burn. Airborne dust in sufficient concentration when confined and exposed to a sufficient ignition source can explode.

7. Accidental release measures

General	:	Dust is explosive. Eliminate ignition sources. Use care to avoid creating dusty conditions. Sweep up and repackage or dispose of in accordance with local, state and federal regulations.
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8. Handling and storage

General	:	May form flammable dust-air mixtures. Use handling practices that minimize dust generation and accumulation.
Storage	:	Store in a dry place.

9. Exposure control | Personal protection

Engineering controls	:	Provide adequate general or local ventilation to keep dust levels below the exposure limits.
Respiratory protection	:	Provide a NIOSH/MSHA approved respirator if exposure limits exceeded.
Skin protection	:	Clean body-covering as needed.
Eye protection	:	Safety glasses.

10. Physical and chemical properties

Appearance	:	Off-yellow to tan
Odour	:	Characteristic of pea
Specific gravity	:	No information available
% Volatile	:	Not applicable
Melting point	:	Not applicable
Boiling point	:	Not applicable
Vapor pressure	:	Not applicable
Vapor density	:	Not applicable

11. Stability and reactivity

General	:	Stable
Reactivity	:	None

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:

Dusty conditions exceeding the Lower Flammable Limit (LFL). Ignition sources.

12. Toxicological information

Toxicity	:	Non toxic
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Potential health effects:

Inhalation	:	May cause respiratory irritation
Ingestion	:	May be harmful if swallowed
Skin	:	May cause skin irritation

13. Transport information

ADR/RID	:	Not dangerous goods
IMDG	:	Not dangerous goods
IATA	:	Not dangerous goods

14. Regulatory information

This safety datasheet complies with the requirements of regulation (EC) No. 1907/2006

15. General information

Follow procedures specified in the National Fire Protection Association Codes and Standards for handling combustible dusts. Maintain good housekeeping to avoid dust build-up.

16. Other information

The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Meelunie shall not be held liable for any damage resulting from handling or from contact with the above product.