



Product Safety Sheet

065311

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Code:

SPCS

Product Name:

Soy Protein Concentrate Soycomil

Synonyms:

AAFCO#: 84.12,

IFN#: 5-32-183.

Contact Manufacturer:

ADM Europoort BV

Elbeweg 125

3198 LC Europoort

Rotterdam

Tel-Nr. +31 181 257 200 (standard business hours)

EU Emergency Telephone Number:

+31 75 64 64 646 [24 hours/7days]

Use of the Substance / Preparation:

Animal Feed

Uses Advised Against:

None of the uses considered have been found to be unsafe.

2. HAZARDS IDENTIFICATION

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

This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No. 1272/2008 on classification, labeling and packaging of substances and mixtures.

Classification according to Directive 67/548/EEC

This substance does not meet the criteria for classification in any hazard class according to Directive 67/548/EEC.

Physico-chemical Properties

Fine dust dispersed in air may ignite.

Properties Affecting Health

Dry powder may cause eye irritation with susceptible persons. Dust may cause irritation of respiratory tract. May produce an allergic reaction.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Family

Unknown, or Variable Composition, or of Biological Origin (UVCB)

Description

Soy Concentrates.

Chemical Name	EC-No	CAS-No	CLP Annex VI Index No.	Weight %	Classifications
Soya Protein Concentrate		-	not listed	99-100	not listed

4. FIRST AID MEASURES

Description of first aid measures

General Advice Contains soy. May produce an allergic reaction. When symptoms persist or in all cases of doubt seek medical advice.

Eye Contact Rinse thoroughly with plenty of water, also under the eyelids.

Skin Contact Wash off immediately with soap and plenty of water.

Inhalation Move to fresh air. Call a doctor immediately if allergic signs, particularly in the respiratory tract, are observed.

Ingestion Health injuries are not known or expected under normal use. Contains soy protein. May produce an allergic reaction. Consult a physician if necessary.

Most important symptoms and affects, both acute and delayed

Eyes Dust may cause mechanical irritation to eyes resulting in redness or watering.

Skin Product dust may cause mild, mechanical irritation.

Inhalation May cause allergic respiratory reaction. Dust may cause irritation of respiratory tract. See section 8 of this sheet for exposure limits pertaining to nuisance dust or "particulates not otherwise regulated".

Ingestion May produce an allergic reaction. The product is not expected to produce ill effects when blended into animal feed / pet food in the recommended quantities.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable Extinguishing Media Water. Water spray Dry chemical. Foam. Sand Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media None known.

Special hazards arising from the substance or mixture

Hazardous Combustion Products Carbon monoxide (CO). Carbon dioxide (CO₂). Nitrogen oxides (NO_x).

Specific Hazards Arising from the Chemical None known.

Advice for fire-fighters

Special protective equipment for fire-fighters In the event of fire, wear self contained breathing apparatus in accordance with EN 137:2006.

Further information

Fine dust dispersed in air may ignite. Dust explosibility class = St 1. [Kst = 85 bar m/s]. Weak to moderately explosive.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Avoid dust formation. Use personal protective equipment. For personal protection see section 8.

Environmental Precautions

Prevent further leakage or spillage.

Methods for Clean-up

Sweep up and shovel into suitable containers for disposal. For disposal information see section 13.

7. HANDLING AND STORAGE

Handling

Wear personal protective equipment. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid dust formation in confined areas. Fine dust dispersed in air may ignite.

Storage

Keep in a dry, cool and well-ventilated place. Keep containers dry and tightly closed to avoid moisture absorption and contamination.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters

This product is not known to contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies. As an airborne dust, exposure limits pertaining to "particulates not otherwise regulated" have been provided below.

Chemical Name	Austria	Belgium	Bulgaria	Cyprus	Czech Republic
Soya Protein Concentrate	-	-	-	-	-
Particulates not otherwise regulated	-	TWA: 3 mg/m ³ alveolar fraction TWA: 10 mg/m ³ inhalable fraction	-	-	-
Chemical Name	Denmark	Estonia	Finland	France	Germany
Soya Protein Concentrate	-	-	-	-	-
Particulates not otherwise regulated	-	-	-	-	-
Chemical Name	Greece	Hungary	Ireland	Italy	Latvia
Soya Protein Concentrate	-	-	-	-	-
Particulates not otherwise regulated	-	-	TWA: 10mg/m ³ total inhalable TWA: 4mg/m ³ respirable	-	-
Chemical Name	Lithuania	Luxembourg	Malta	Netherlands	Poland
Soya Protein Concentrate	-	-	-	-	-
Particulates not otherwise regulated	-	-	-	-	-
Chemical Name	Portugal	Romania	Slovakia	Slovenia	Spain
Soya Protein Concentrate	-	-	-	-	-
Particulates not otherwise regulated	TWA: 10mg/m ³ inhalable fraction TWA: 3mg/m ³ respirable fraction	TWA: 10 mg/m ³	-	-	TWA: 10 mg/m ³ inhalable fraction TWA: 3 mg/m ³ respirable fraction
Chemical Name	Sweden		United Kingdom		EU
Soya Protein Concentrate	-	-	-	-	-
Particulates not otherwise regulated	-	-	-	-	-

Engineering Measures

Ensure adequate ventilation, especially in confined areas. Apply technical measures to comply with the occupational exposure limits. However it is the duty of the user to verify this and follow given exposure limits at the workplace.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

Personal Protective Equipment

Eye Protection Safety glasses with side-shields. If airborne dust concentrations are excessive, wear goggles.

Skin and Body Protection Protective gloves. Protective clothing and gloves may be worn to reduce the potential of mechanical irritation.

Respiratory Protection In case of insufficient ventilation wear suitable respiratory equipment. If exposed to airborne dust, use appropriate NIOSH approved (or equivalent) respiratory protection.



Environmental exposure controls

Avoid dust formation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Off-white
Form	Powder
Odor	No information available
Odor Threshold	No information available
pH	approx. 6.6 (10% dispersion in water)
Flash Point	Not applicable (solid)
Autoignition Temperature	No information available
Boiling point	Not applicable
Melting/Freezing Point	Not applicable
Decomposition temperature	No information available
Oxidizing Properties	No information available
Water Solubility	Poorly soluble
Evaporation Rate	Not applicable
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Partition Coefficient (n-octanol/water)	No information available
Explosive Properties	Dust explosiveness St 1. Kst = 85 bar m/s.

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions.

Possibility of Hazardous Reactions Hazardous polymerization does not occur.

Conditions to Avoid Avoid dust formation. Heat, flames and sparks. Avoid conditions that generate dust.

Incompatible Materials No materials to be especially mentioned.

Hazardous Decomposition Products None known, Thermal decomposition may also lead to release of, Carbon monoxide (CO), Carbon dioxide (CO₂), Nitrogen oxides (NO_x).

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity	Based on available data, the classification criteria are not met
Skin corrosion/irritation	Based on available data, the classification criteria are not met
Serious eye damage/eye irritation	Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT - single exposure	Based on available data, the classification criteria are not met
STOT - repeated exposure	Based on available data, the classification criteria are not met
Aspiration hazard	Based on available data, the classification criteria are not met

Potential health effects

Eyes	Dust may cause mechanical irritation to eyes resulting in redness or watering.
Skin	Product dust may cause mild, mechanical irritation.
Inhalation	May cause allergic respiratory reaction. Dust may cause irritation of respiratory tract. See section 8 of this sheet for exposure limits pertaining to nuisance dust or "particulates not otherwise regulated".
Ingestion	May produce an allergic reaction. The product is not expected to produce ill effects when blended into animal feed / pet food in the recommended quantities.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Soy Protein Concentrate is not toxic for the environment, but excessive doses need to be avoided since the nitrogen content is high.

Persistence/Degradability

No information available.

Mobility

Poorly soluble in water.

13. DISPOSAL CONSIDERATIONS

Whenever possible, as rules and regulations allow, please recycle or manage materials to minimize waste.

Waste Disposal Methods

Dispose of in compliance with the laws and regulations pertaining to this product in your jurisdiction.

Contaminated Packaging

Empty containers should be decontaminated and taken for local recycling, recovery or waste disposal.

Other Information

Final decisions on the appropriate waste management method, in line with regional, national and European legislation, and possible adaptation to local conditions, remains the responsibility of the waste treatment operator. Please refer to the Waste Framework Directive (2008/98/EC) as well as the Council of the Member State within which the waste is being disposed.

14. TRANSPORT INFORMATION

RID	Not regulated
ADR	Not regulated
ADN	Not regulated
IMDG/IMO	Not regulated
ICAO	Not regulated
IATA	Not regulated

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Inventories

As animal feed, this product is exempted from the following inventories: U.S.A. (TSCA). China (IECSC). Japan (ENCS/ISHL). Korea (ECL). When used as "feed" defined in the Canadian Feeds Act 1995 and the Feeds Regulations (SOR/83-592), this product is exempted from the following inventory: Canada (DSL).

WGK Classification: Not expected to be hazardous to water.

Chemical safety assessment

No Chemical Safety Assessment (CSA) has been carried out. No formal Safety data sheet (SDS) is required for this substance.

16. OTHER INFORMATION

Indication of changes

Prepared By: ADM Oilseed Processing - Specialty Products
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Reason for revision: Implementation into software system.

Abbreviations and acronyms

- ACGIH TLV - American Conference of Governmental Industrial Hygienists Threshold Limit Values
- ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
- ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road
- CAS - Chemical Abstract Service
- CHINA - Chinese Inventory of Existing Chemical Substances (China)
- CLP - Classification, Labelling and Packaging, Regulation (EC)1272/2008
- DOT - U.S. Department of Transportation
- DSL - Domestic Substance List (Canada)
- EINECS - European Inventory of Existing Commercial Chemical Substances (EU)
- EC - European Commission
- ELINCS - European List of Notified Chemical Substances (EU)
- ENCS - Existing and New Chemical Substances (Japan) / ISHL - Industrial Health and Safety Law (Japan)
- EPCRA - Emergency Planning and Community Right-to-Know Act of 1986 (USA)
- GHS - Globally Harmonized System of Classification and Labelling of Chemicals
- IATA - International Air Transport Association Dangerous Goods Regulations
- ICAO - International Civil Aviation Organisation
- IMDG - International Maritime Dangerous Goods Code
- IMO - International Maritime Organization
- KECL - Korean Existing and Evaluated Chemical Substances (Korea)
- MEX - NOM-002-SCT/2003 List of Hazardous Substances and Materials Most Commonly Transported
- MEXICO - Mexico Occupational Exposure Limits
- NDSL - Non Domestic Substances List (Canada)
- NFPA - National Fire Protection Association
- NIOSH - National Institute of Occupational Safety and Health
- NZIoC - New Zealand Inventory of Chemicals (New Zealand)
- OSHA - Occupational Safety & Health Administration
- OSHA PEL - Occupational Safety and Health Administration Permissible Exposure Limits
- PICCS - Inventory of Chemicals and Chemical Substances (Philippines)
- REACH - Registration, Evaluation, Authorisation and Restriction of Chemical substances
- RID - Regulations Concerning the International Carriage of Dangerous Goods by Rail
- STEL - Short Term Exposure Limit: Concentrations that should not be exceeded except for short periods of time (usually 15-minutes)
- STOT - Specific Target Organ Toxicity
- STV - Short Term Value (same as STEL)
- TDG - Transportation of Dangerous Goods (Transport Canada)
- TSCA - Toxic Substances Control Act, Section 8(b) Inventory (USA)
- TWA - Time Weighted Average: Average concentration that should not be exceeded during a work day (usually 8-hours)
- WGK - Wassergefährdungsklasse (German: Water Hazard Class)
- WHMIS - Workplace Hazardous Materials Information System

Relevant R-phrases and/or H-statements Not applicable

The information provided on this sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

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