



## MATERIAL SAFETY DATA SHEET (MSDS)

### X-SOY 200 – SOY PROTEIN CONCENTRATE MICRONIZED

*The Soy Protein Concentrate is a vegetal origin ingredient and It is not a chemical substance. The product does not meet the definition of "Hazardous Chemical" as defined in the OSHA "Hazard Communication Standard". This Material Safety Data Sheet provides general information for health and safety guidance, based on our knowledge.*

#### 1. Company and Product Identification

- Product name: Soy Protein Concentrate – X-SOY 200
- Company: CJ Selecta S.A.
- Address: Road MG 029, Km 2,6, Distrito Industrial, Araguari / MG, Brasil.
- Phone: +55 (34) 2109-7300
- Fax: +55 (34) 2109-7301
- E-mail: [qualidade@selecta.com.br](mailto:qualidade@selecta.com.br)

#### 2. Hazard Identification

- Non classified as a hazard product.

#### 3. Composition and Information about Ingredients.

- **Composition:** Micronized Soy Protein
  - CAS Number: 9010-10-0
  - EINECS Number: 232-720-8
  - Basic Composition:
    - ✓ Protein: 60% (minimum – as is)
    - ✓ Protein: 64% (minimum – dry matter basis)
    - ✓ Moisture: 10% (maximum)
    - ✓ Fiber: 6% (maximum)



## MATERIAL SAFETY DATA SHEET (MSDS)

### X-SOY 200 – SOY PROTEIN CONCENTRATE MICRONIZED

✓ Fat: 0.4% (minimum)

✓ Ash: 7% (maximum)

- **Information:** This is for animal feed use only

#### 4. First Aid Measures

- Eye contact: Flush with fresh water for 5 minutes
- Skin contact: Flush with water
- Types of contact: Dermal, eye, inhalation and ingestion. The contact can cause irritation depending on individual sensitivity.

#### 5. Fire Fighting Measures

- Flammability: Product not flammable, but the fine particles in air suspension may cause self ignition at high temperatures or explosion in contact with a spark.
- Extinguishing Agents: Foam and water.

#### 6. Accidental Spilling Measure

- Sweep and collect the product.

#### 7. Handling and storage

- Eliminate any action that emits spark, as smoking.
  - Protect the product against contamination, use clean and dry utensils to movement it.
- Follow the Good Manufacturing Practices for feed manufacturing companies.

#### 8. Exposure and Personal Protection

Review 06 – November 06th, 2017

Page 2 of 4



## MATERIAL SAFETY DATA SHEET (MSDS)

### X-SOY 200 – SOY PROTEIN CONCENTRATE MICRONIZED

- It is necessary to use protection mask and glass while handling the product.

#### 9. Physical and Chemical Properties

- Appearance: Light brown, light yellow or cream.
- Odor: mild cereal, soy odor
- Physical state (ambient temperature): Solid (Powder) and fine granules.
- Density (g/cm<sup>3</sup>): 0,7 (Non compact)
- Solubility in water: Less than 10%
- Minimum Ignition Temperature (MIT) (°C): 600
- Minimum Explosive Concentration (MEC) (g/m<sup>3</sup>): 180
- pH: 6,5
- Particle size: min. 95% < 180 microns

#### 10. Stability and Reactivity

- The product is stable under normal conditions of storage and use.
- The product is of vegetable origin and its decomposition produces CO<sub>2</sub>.

#### 11. Toxicological Information

- The product is not considered toxic and dangerous. However it is necessary to evaluate the person sensitivity in case of high contact with product (in this case contact immediately a doctor).

#### 12. Ecological Information

280



## MATERIAL SAFETY DATA SHEET (MSDS)

### X-SOY 200 – SOY PROTEIN CONCENTRATE MICRONIZED

- The product is the result of the soybeans process. It is not considered a hazard to the environmental.
- Environmental precautions: Biodegradable product. The contact with water can cause BOD and COD increase.

#### 13. Disposal and Treatment Considerations

- Consult the current local law before disposal or treat the product.

#### 14. Transport Information

- Use dry and clean equipment for the transport.
- No regulation for identification applied.

#### 15. Regulatory Information

- MAPA – Agriculture of Ministry and Livestock Supplies of Brazil

#### 16. Other Information

- This product is recommended for feed applications. Not fit for human consumption.

  
*Rafael Soccol Dambros*  
Rafael Soccol Dambros  
Production Manager  
CJ Selecta S/A  
RG: 2.820.113 SSP/SC  
CPF: 028.508.109-83

CARTÓRIO DO 1º OFÍCIO DE NOTAS - ARAGUARI(MG)  
Tribuna 101 - Rua Maria Glória de Cunha Alves  
Av. Cel. Teodoro Pimenta de Araújo, 713 - Centro - CEP 38440-062 - Araguari  
Reconheço a(s) firma(s) por semelhança de:  
(00666380) RAFAEL SOCOL DAMBROS  
Araguari, 26/03/2018 14:43:43 16469  
Em teste *[assinatura]* da verdade.  
*[assinatura]*  
Para Carneiro Magalhães - Escrevente Auto.  
Emol.:R\$4,53 T.F.J.:R\$1,49 Rec.:R\$0,27 Total:R\$6,29

