



MATERIAL SAFETY DATA SHEET (MSDS)

X-SOY 600 – SOY PROTEIN CONCENTRATE

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: X-SOY 600 – Soy Protein Concentrate
- 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

2. Hazard Identification

- Non classified as a hazard product.

3. Composition and Information about Ingredients.

- **Composition:** 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: 5% (maximum)



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✓ 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

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- 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/cm³): 0,7 (Non compact)
- Solubility in water: Less than 10%
- Minimum Ignition Temperature (MIT) (°C): 600
- Minimum Explosive Concentration (MEC) (g/m³): 180
- pH: 6,5
- Particle size: min. 95% < 2mm

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 CO₂.

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



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- 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.


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