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# SAFETY DATA SHEET

## AjiPro<sup>®</sup>-L [Feed Grade]

### 1. Identification

**Product Name:** AjiPro<sup>®</sup>-L- Feed Grade

**Synonyms:** Rumen Protected Lysine, RPL

**Restrictions:** For Animal feed only- not for human consumption

**Manufacturer and Distributer:** Ajinomoto Heartland Inc.  
1116 Hwy 137  
Eddyville, Iowa 52553

**Phone:** 641- 969-4551 – Eddyville IA  
773-380-7000 – Chicago, IL.

### 2. Hazard Identification

**This product contains soy oil**

**Eye:** Avoid contact with eyes, (inflammation) otherwise non-hazardous.

**Ingestion:** May produce an allergic reaction

**Principle Routes of Exposure:** Eyes, inhalation

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## 3. Composition on ingredients

Chemical Ingredient	% by weight (dry matter basis)	AAFCO #	CAS #
L-Lysine Monohydrochloride	Minimum 50%	6.11	657-27-2
Vegetable Fat	Approx. 49%	33.2	8016-70-4
Soy Lecithin	Approx. 1%	87.5	8030-76-0

## 4. First Aid measures

**Eye Contact:** Wash eyes immediately with large amounts of water or saline

**Ingestion:** Don't swallow; rinse mouth with water and drink plenty of water

## 5. Fire-fighting measures

**Flash Point:** 540°F (Closed cup)

**Auto-ignition Temperature:** N/A

**Flammable Limits in Air:** N/A

**Extinguishing Media:** Dry Chemical, Foam, or Carbon Dioxide

**Special Fire-Fighting Procedures:** Wear Protective clothing and respiratory protection to protect from fumes of HCL and Nitrogen Oxide

**Unusual Fire & Explosion Hazards:** Not a fire hazard

## 6. Accidental release measures

**Methods for cleaning up:** Ordinary, same as food. Dispose of in accordance with all regulations

## 7. Handling and Storage

**Handling:** Recommended to wear gloves and dust mask if excessive handling is necessary

**Storage:** Keep away from sources of ignition. Store in dry conditions in sealed or closed containers

**Work Place:** Protective equipment: Safety glasses

## 8. Exposure controls/ Personal Protection

**Hygiene measures:** Handle with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the day.

**Ventilation:** Ordinary

**Protective Equipment:** Safety glasses; wash hands to avoid eye contact.

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## 9. Physical and Chemical Data

**Bulk density:** 0.63 – 0.70 grams/cm<sup>3</sup> (39.3 – 43.6 lbs/ft<sup>3</sup>)

**Appearance & Odor:** Oval/circular, white, flat beads: slight characteristic odor and taste

**Solubility in Water:** Insoluble

**Percent Volatile:** 0%

**Evaporation Rate:** None

## 10. Stability and reactivity

**Stability:** Stable if stored in dry conditions at moderate temperature in sealed or closed containers

**Conditions to Avoid:** Hot and humid environments

**Hazardous Decomposition Products:** When heated to decomposition: Carbon monoxide, carbon dioxide, nitrogen oxide, and hydrogen chloride gas fumes will be emitted

## 11. Toxicological Information: N/A

## 12. Ecological Information: N/A

## 13. Disposal Considerations: Check with federal, provincial and local regulations

## 14. Transport information

**Proper Shipping Name:** AjiPro<sup>®</sup>-L

**AAFCO#:** 6.11, 33.2, 87.5

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15. Regulatory Information: N/A

## 16. Other Information

**Further Information:** The above information is believed to be accurate and represents the best information currently available to us and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product in regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Users should make their own investigations to determine the suitability of the information for their particular purposes. Ajinomoto Heartland, Inc. shall not be held liable for any damage resulting in the handling or from the contact with the above product.

Prepared by: Ajinomoto Heartland, Inc. July 2016

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