



AJINOMOTO®

AJINOMOTO HEARTLAND, INC.

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PRODUCT DATA SHEET

AjiLys® - Liquid Lysine [Feed Grade 50%]

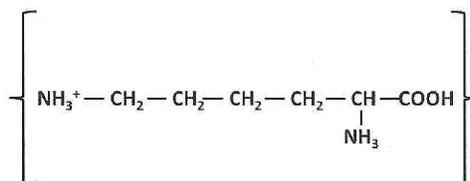
Over the past 20 years, a large number of integrators and feed manufacturers within the swine and poultry industries throughout the United States, Mexico, South America and other parts of the world have successfully transitioned from dry L-Lysine (monohydrochloride or sulfate) to AjiLys®, Ajinomoto's brand name for Liquid Lysine.

Below are a number of points that make AjiLys a valuable and practical alternative to dry L-Lysine

- ✓ AjiLys offers nutritionists and feed mills flexibility when it comes to supplying L-Lysine to the diet
 - AjiLys does not require warehouse space, thus allowing the feed mill to utilize floor space for other valuable products
- ✓ AjiLys is stored in a dedicated system that is automatically monitored for inventory
 - The system is equipped with inventory monitoring, which allows the customer and Ajinomoto Heartland LLC to carefully monitor the day-to-day performance and the inventory level of the storage tank
 - Micro-bins and bulk-bins can be made available for other valuable ingredients
- ✓ AjiLys is hands-free, requiring no labor for unloading, dosing, etc. This allows mill labor to work on other feed mill-related tasks
 - AjiLys can be delivered to the feed mill and to the mixer with no disruption to normal mill operations
- ✓ No disposal of bags or totes is required with AjiLys
 - Disposal and landfill fees are eliminated
- ✓ No dust / no waste
 - Loss of product is significantly reduced
 - Improves the employees' work environment
 - Minimizes sanitary and safety issues within the mill
- ✓ Ajinomoto Heartland has a defined set of equipment specifications that rivals its competitors'
 - We not only know our product, but we also provide systems that are well designed from the perspective of accurate metering, product application, longevity and general system maintenance.
 - Ajinomoto Heartland works with the customer to define the system and/or solutions that best meet their current and future needs

AJILYS® [LIQUID LYSINE 50%]

Appearance..... Brown liquid, slight odor
 Molecular Weight..... 146.19 (L-Lysine)
 Molecular Formula..... C₆H₁₄N₂O₂ (L-Lysine) + H₂O (Water)



For animal feed only – not for human consumption