PT. Bumi Limpah Rezeki

TECHNICAL PRODUCT INFORMATION

Glutio

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1. Product Overview

Glutio is a Sodium Activated Bentonite. It is an effective binder for animal feed pellet in a wide range of functionality: good swelling and gelatinous agent, strong colloidal properties with steam, highly negative charged and balance with cations, improve feed durability and palatability, and reduce feed-mill energy consumption.

2. Key Product Data

Parameter	Approved information	Parameter	Approved information
Active component	Sodium Activated Bentonite	**Packaging**	10 kg bags, white PE, outer valve with anti-slip
Shelf life	3 years	**Storage**	Store indoors, keep dry and avoid direct sunlight. Keep well closed after each use

3. Technical Quality Profile

Parameter	Specification	Parameter	Approved information
Form & appearance	Free flow of brown powder	**Particle Size <200 mesh**	85% min
Bulk Density	0.6 - 0.8 g/mL	**pH (10% solution w/w)**	6 - 9
Moisture	12% max	**Swelling**	14 mL / 2 g min

4. Application Guidelines

Item	Guideline	Item	Guideline
Target species	Poultry, swine, ruminant, pet food and aquaculture pellet feed	**Inclusion rate**	0.5 - 2.0 kg per ton feed depending on feed formulation
Application method	Mix into Feed or premix	**Compatibility**	Yes

5. Handling & Personal Hygiene

Handling: Handle the product in accordance with good manufacturing practices. Avoid unnecessary dust generation and inhalation. Prevent contact with eyes and prolonged skin contact. Use appropriate personal protective equipment (PPE), including protective gloves, safety glasses, and a dust mask where necessary.

Personal Hygiene: Wash hands thoroughly after handling. Do not eat, drink, or smoke during product handling. Clean handling equipment regularly to prevent cross-contamination.

CONTROL NOTE: This document is intended for technical and informational purposes.

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