PT. Bumi Limpah Rezeki

TECHNICAL PRODUCT INFORMATION

ToxEvade

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1. Product Overview

Selected composition with high efficacy in binding harmful polar, semi polar and nonpolar mycotoxins from acid to neutral pH conditions. Large surface area and excellent adsorptive capacity. Superior efficiency in adsorption and desorption process.

2. Key Product Data

Parameter	Approved information	Parameter	Approved information
Active component	Aluminium Silicate, Charcoal	**Packaging**	10 kg bags, white PE, outer valve with anti-slip
Shelf life	2 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 black powder	**Particle Size >230 mesh**	20% max
Bulk Density	0.55 g/mL max	**Enzyme activity**	6,000 U/g min
Moisture	15% max	**E. Coli**	0 MPN/g
pH (10% solution w/w)	5 - 7	**Salmonella**	Negative
Silicone Oxide	50% min		

4. Application Guidelines

Item	Guideline	Item	Guideline
Target species	Broiler, Layer	**Inclusion rate**	0.5 kg per tonne feed (maintenance) 1.0 kg per tonne feed (medium contamination) 2.0 - 3.0 kg per tonne feed (high contamination)
Application method	Mix into Feed or premix	**Compatibility**	Yes

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5. Quality & Technical Support

Efficacy test (Trilogy Analytical Lab., Inc, USA):

% Efficiency binding (pH adsorption 3.0; pH desorption 6.5): 99% Aflatoxin B1; 86% Fumonisin B1; 98% Ochratoxin A1; 94% T-2 toxin; 99% Zearalenone.

6. 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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