

Ukasol

Yucca schidigera Solution

Description

Ukasol is a liquid concentrated extract from the plant *Yucca schidigera*. This natural extract is obtained by cold press processing, and used to reduce and control odor, ammonia and other gas emissions of fish and prawn.

Composition

Ukasol contains extract of *Yucca schidigera* which consists of **Glycocomponents** and **Saponins**.

Mode of action

The fundamental active ingredients within **Ukasol** are **Glycocomponents** and **Saponins**.

Glycocomponents are highly thermo stable molecular structures, which have an affinity for and the ability to bind ammonia molecules within the digestive tract and metabolic process, neutralizing its toxic and harmful effects. These compounds convert free ammonia by a physical and not a chemical process, into a non-toxic nitrogenous compound, thus improving environmental conditions allowing the normal flora to increase its activity to degrade organic material within the intestines, resulting in a more complete and efficient digestion.

Saponins have high tensoactive properties and as such, they play an important role in animal nutrition. The saponins powerful surfactant property increase the permeability of the cell membrane of the intestinal wall and allows a better absorption of nutrients, in addition to accelerating the microbial activity of the normal intestinal flora, improving digestion and the utilization of feed.

Consequently, these effects reduce the emission of ammonia, hydrogen sulfide and other toxic gases, which are produced in the degradation process of animal waste, into the environment. These effects are also beneficial to the environmental conditions of confinement units, and as a result improve productivity parameters for animal production.

Indications & Usages

To reduce Ammonia and Toxic gases in pond water. It also helps to maintain water pH and water quality.

To reduce Ammonia and Toxic gases in poultry gut or litter. It also helps to improve FCR & nitrogen usage.

Dosage & Administration

Fish & Prawn : 2-3ml / decimal of 3-4 feet depth of water

For oral administration

In water : 1 ml / 20 liters of drinking water

In Poultry litter: 80ml / 1000 square feet, 2 times per week.

Or, as per direction of Aquaculture Consultant.

Contra Indications

Do not use in animals hypersensitive to *Yucca schidigera* extract.

Side Effect

No known side effects.

Withdrawal Period

0 day.

Storage Condition

Keep in a dry place and away from light. Keep out of reach of children.

Presentation

100ml, 500ml

Manufactured by:

SK+F

Eskayef Pharmaceuticals Ltd.

Animal Health Division

Gazipur, Bangladesh.

For Aquaculture Use Only