



FEED CHEMICAL

BROCHURE

About Us

Tradeasia International Pte. Ltd. is a privately owned, independent company headquartered in Singapore. We are a global trading organization providing integrated chemical procurement services with certainty and trust, which makes Tradeasia unique.



Tradeasia International was set up with the sole intention of carrying out chemical distribution services especially to commodity industries in many parts of the world. Today, Tradeasia International represents a growing number of businesses that are serving a variety of markets. We source and supply about 500-600 containers monthly to our customers worldwide.

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Locations

50+

Suppliers

500+

Products

400+

Clients

About Feed Additives

Feed Additives is a strategic business unit of Tradeasia International Pte. Ltd. that accommodate natural and synthetic feed chemical products to supply numerous industries' feedstock needs. Our platform provides a wide range of natural and synthetic feed raw materials for various applications and initiatives from reliable sources to ensure the quality of our products. Our goal is to link customers anywhere in the world with top feed raw material producers for a seamless and secure trade to fulfill our customers' needs.

To be a reliable and trustworthy partner in the global supply chain of feed raw material, we strive to provide an eligible marketplace to ensure top-quality rubber raw material and services through effective supply chain solutions while providing profitable and sustainable growth to all our customers.

We value trust, integrity, commitment, and partnership through an effective solution-oriented management system.





FEED RAW MATERIALS

Category: Protein Sources

MEAT BONE MEAL

Meat bone meal is a commercial product mostly made by cooking, defatting, sterilizing, grinding, and sifting by-products of terrestrial animals. MBM is primarily used in the formulation of animal feed to improve the amino acid profile of the feed. It also used as an alternative low-cost protein source for pet food. MBM contains high digestible protein, long-chain fatty acid, essential vitamins, and minerals.



HS Code : 2301.10
CAS No. : 68920-45-6
Origin : Brazil, USA
Packaging : Raffia bags of 50 Kg, Raffia big bag (800 until 1500 Kg), bulk.

Specifications :

Parameter	Unit	Specification
Appearance		Light brown powder
Humidity	%	Max 8.00
Crude Protein	%	Min. 48.00
Ethereal Extract	%	Min. 8.00
Mineral Matter	%	Min. 32.00
Calcium	%	Max 10.00
Phosphorus	%	Min. 4.00
Acidity Index in NaOH/g	%	Max. 4.00
Protein digestibility in Pepsina 0,2%	%	Min. 80.00
Peroxide Index	meq/kg	Max 5.0

Applications:



Suitable for monogastric, poultry, fish, and pet feed



A good source of protein, also calcium and phosphorous



Increasing immune response and appetite

POULTRY MEAL

Poultry meal is commonly used for feed ingredients in livestock feed such as poultry, aqua, ruminants, non ruminants, and pet food. It is high quality feed ingredients due to essential amino acids, fatty acids, vitamins and minerals and high palatable.

HS Code : 2309.30
 CAS No. : 92113-16-1
 Origin : Saudi Arabia, Kuwait, Brazil
 Packaging : 50 Kg bag

Specifications :

Parameter	Unit	Specification
Appearance		Light Brown Powder
Humidity	%	Max 5.00
Crude Protein	%	Min. 55.00
Fat	%	Min 15.00
Crude Fiber	%	Min. 0.5
Ash	%	Min. 14.00
Calcium	%	Min. 4.00
Phosphorus	%	Min. 1.30
Sodium	%	Max. 0.92
Protein Digestibility in Pepsina 0.2%	%	Min. 90.00

Applications:



A good source of protein and high profile of amino acid



Suitable for fish, cattle, swine, and pet



High digestability and high palatability

Category: Protein Sources

FISH MEAL

Fish meal is a commercial product mostly from dried and grinded fish, which is commonly used in feed production as protein source. Fish meal is critical raw material for animal production and reproduction due to high protein contents. It is made from the bones and offal left over from fish caught by commercial fisheries.

HS Code : 2301.20
CAS No. : 97675-81-5
Origin : India, Indonesia, Thailand, Peru
Packaging : Raffia bags of 50 Kg

Specifications :

Parameter	Unit	Specification
Appearance		Dark brown powder
Humidity	%	Max 5.00
Crude Protein	%	Min. 55.00
Fat	%	Min. 15.00
Crude Fiber	%	Min. 0.5
Ash	%	Min. 14.00
Calcium	%	Min. 4.00
Phosphorus	%	Min. 1.30
Sodium	%	Max. 0.92
Protein digestibility in Pepsina 0,2%	%	Min. 90.00
TVBN	mg/100gr	Max. 150.00
Histamine	PPM	Max. 500
Antioxidant (BHA/BHT)	PPM	Min. 150.00

Applications:



Source of protein for pig, poultry, cattle, and aquatic animals



High protein and minerals such as calcium and phosphorous



Promote fast growth in aquatic animals like crab, fish, and shrimp



Category: Protein Sources

CORN GLUTEN MEAL

Corn gluten meal is the main protein extracted from the endosperm of corn. It is a product of wet-milling corn, along with other products such as starch and corn oil. Corn gluten meal is rich in protein with a protein content of approximately 65% and is commonly used as feed for livestock. Corn gluten meal can also be used for agricultural purposes.

HS Code : 2303.10
CAS No. : 66071-96-3
Origin : Indonesia, China, USA
Packaging : 25kg or 50kg bags

Specifications :

Parameter	Unit	Specification
Appearance		Light yellow powder
Moisture	%	Max 10.00
Protein	%	Min. 60.00
Fat	%	Min. 2.50
Fiber	%	Min. 2.50
Ash	%	Min. 2.50
Aflatoxin	ppb	Max. 20.00

Applications:



High protein content and excellent digestibility



Suitable for ruminants, pigs, poultry, rabbits, and fish



A good source of energy in pet and aquatic feed

Category: Protein Sources

SOYBEAN MEAL

Soybean meal is the product obtained after oil has been extracted from whole soybeans. Soybean meal contains an abundant amount of highly digestible proteins, composed of several essential amino acids for livestock and poultry. Hence, soybean meal is mainly used as a protein supplement in animal feed.

HS Code : 2304.00
CAS No. : 68308-36-1
Origin : India (Non-GMO), USA (GMO)
Packaging : 50kg bags

Specifications :

Parameter	Unit	Specification
Appearance		Light Brown Powder
Moisture	%	Max 11.00
Protein	%	Min. 48.00
Fat	%	Max. 1.50
Fiber	%	Max. 6.00
Sand and Silica	%	Max 2.00
Urease Activity	Mg N2	Max. 0.30

Applications:



Suitable for ruminants, pigs, poultry, rabbit, fish, and crustaceans



A good source of protein



highly palatable, high protein content, low crude fiber content

A photograph of several sheep with thick, white woolly coats eating from a long, narrow trough. The sheep are positioned in a line, with their heads lowered into the trough. The trough is filled with a light-colored, granular feed. The background is a clear, bright sky. The text "FEED ADDITIVES" is overlaid in the center of the image in a bold, white, sans-serif font.

FEED ADDITIVES

SOY LECITHIN

Soy lecithin is used in animal diets not only for their nutritional contribution of phospholipids and essential fatty acid, but also for many functional purposes. Soy lecithin is the foundation of most animal feed, supplying necessary amino acids for maximum production efficiency, energy sources are critical animal diets. In animal feed, it enriches fat and protein and improves palletization

HS Code : 2923.20
 CAS No. : 8002-43-5
 Origin : Brazil, Argentina, China, India
 Packaging : ISO Tank, Octabin, Flexitank, Drums



Specifications :

Parameter	Unit	Specification
Appearance		Dark brown liquid
Humidity	%	Max 1.00
Acetone Insoluble	%	Min. 62.00
Hexane Insoluble	%	Max 0.30
Acidity	Mg KOH/gr	30.0 Max
Peroxide	meq/kg	Max 5.00
Colour Gardner	Lovibond 10mm Cuvette	Max. 18
Viscosity	Poise	120 Max at 25°C

Applications :



Improve feed utilization & growth rate



High amino acid absorbtion



Feed additives as emulsifier agent

FERROUS SULPHATE MONOHYDRATE

Calcium D-pantothenate is regarded as an effective source of pantothenic acid, due to its established nutritional role in domestic animals. D-Panthenol is considered a pro-vitamin essentially bioequivalent to pantothenic acid.

HS Code : 2833.29
CAS No. : 17375-41-6
Origin : China
Packaging : 25kg bag



Specifications :

Parameter	Unit	Specification
Appearance		White greenish powder
Content	%	Min. 30.00
Arsenic	PPM	Max. 2.00
Lead	PPM	Max 15.00
Cadmium	PPM	Max. 10.00
Particle Size		Min. 95% pass through 40 mesh sieve

Applications :



Prevent iron deficiency



Treat iron deficiency anemia



Maintain good level of iron

MONOCALCIUM PHOSPHATE

Monocalcium phosphate used as a supplement for livestock and poultry diet to increase calcium and phosphorus intakes that enhance to the creation of strong bone tissue, enhance metabolic, nerve, immune and reproductive systems. Adding this mineral to herbivorous animals' dietary composition is highly suggested.

HS Code : 2835.26
 CAS No. : 7758-23-8
 Origin : China
 Packaging : 25 Kg bag



Specifications :

Parameter	Specification
Total P	22.3%
Water-soluble P (rate)	89.8%
Available Phosphorus	99%
Calcium (Ca)	14.1%
Fluorine (F)	8 PPM
Lead (Pb)	5 PPM
Cadmium (Cd)	2 PPM
pH	4
Water Content	1.5%
Particle Size	Pass 0.2 - 1.5 mm 98%

Applications :



Prevent iron deficiency



Treat iron deficiency anemia



Maintain good level of iron

DICALCIUM PHOSPHATE

Monocalcium phosphate used as a supplement for livestock and poultry diet to increase calcium and phosphorus intakes that enhance to the creation of strong bone tissue, enhance metabolic, nerve, immune and reproductive systems. Adding this mineral to herbivorous animals' dietary composition is highly suggested.

HS Code : 2835.25
 CAS No. : 7757-93-9
 Origin : China, Middle East
 Packaging : 25 kg bags



Specifications :

Parameter	Unit	Specification
Phosphorus	%	Min. 18.00
Citric Soluble	%	Min. 14.00
Calcium (Ca)	%	Min. 21.00
Fluorine (F)	mg/kg	Max 1800
Lead (Pb)	mg/kg	Max. 30.00
Arsenic (As)	mg/kg	Max. 20.00
Cadmium (Cd)	mg/kg	Max. 10.00
Chrome (Cr)	mg/kg	Max. 30.00
Moisture	%	Max. 4.00

Applications :



**Improves growth
and fertility**



**Raise teeth and
bones
development**



**Muscle and cells
health**

CHOLINE CHLORIDE 60%

Choline usually classified as complex vitamin B (often called vitamin B4), maintain the physiological functions of animals' bodies as a low-molecular organic compound that can be synthesized in vivo, but usually required in feed as a single vitamin, the largest demand in feed additive. It is an essential factor in the normal development and health of animals and is necessary for maximum growth of most animals. In poultry, choline deficiency is characterized by a fatty degeneration of the liver, a reduced growth rate, perosis, and in mature birds, a decrease in egg production and hatchability.

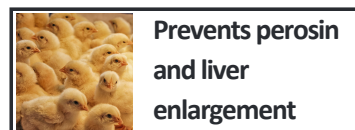


HS Code	: 2309.90
CAS No.	: 67-48-1
Origin	: China
Packaging	: 25 kg bag

Specifications :

Parameter	Unit	Specification
Appearance		Light brown granular
Choline Content	%	Min. 60.00
TMA (Trimethylamine)	ppm	Max. 300.00
Loss on Drying	%	Max 2.00
Particle Size	20 mesh Sieve	Min. 95.00 pass

Applications :



L-LYSINE SULFATE

L-lysine is an essential amino acid for human and animal nutrition out of the 9 amino acids. Out of the 20 L-amino acids, ecumenically L-Lysine found in most living organisms. L-lysine is useful as medicament, chemical agent, food material (food industry) and feed additive (animal food). Demand for L-lysine has been steadily increasing in recent years. Lysine sulphate, the sulphate salt of lysine along with fermentation by-products, is 51% L-lysine (as free L-lysine). It does not only contain lysine but also by-products, such as essential amino acid and carbohydrate. Lysine Sulphate can be used as a substitute of traditional L-lysine HCL as a livestock feed additive.

HS Code : 2922.41
CAS No. : 60343-69-3
Origin : China
Packaging : 25 kg bag



Specifications :

Parameter	Unit	Specification
Appearance		Light brown granular
Lysine Sulfate	%	Min. 70.00
L-Lysine	%	Min. 55.00
Moisture	%	Max 4.00
Heavy Metals	mg/kg	Max. 10.00
Arsenic	mg/kg	Max 2.00
Ammonium Salt	%	Max. 1.00
pH		3.0-6.0

Applications :



Nutritional Supplement for pig, poultry, and fish



Grow rates promoter



Improve egg production

Lysine HCL

Lysine (symbol Lys or K) is an α -amino acid that is a precursor to many proteins. L-Lysine is proposed to be used in feeds in order to achieve the adequate amino acid profile and meet the requirements on L-Lysine for all animal species. Lysine is required as a building block for protein synthesis, a deficiency of lysine limits the synthesis of animal immunity-related proteins that include antibodies and cytokines to exert the necessary immune function.



HS Code : 40023100
CAS No. : 9010859
Origin : China
Packaging : 25 kg bag

Specifications :

Parameter	Unit	Specification
Appearance		White to off white crystalline powder
Lysine Content	%	Min. 98.50
Loss on Drying	%	Max. 0.50
Pb	mg/kg	Max. 10.00
Arsenic	mg/kg	Max 1.00

Applications :



Maintain growth rate and subsequent protein level



Source of amino acid and improvement amino acid balance



Suitable for Poultry, Swine, aqua.

L-THREONINE

Threonine is an amino acid with the chemical formula of $C_4H_9NO_3$ and is used in the biosynthesis of proteins. It contains an α -amino group, a carboxyl group, and a side chain containing a hydroxyl group, making it a polar, uncharged amino acid. Threonine is synthesized from aspartate in bacteria such as E. coli. L - threonine has an effect on muscle growth and meat production efficiency. It is also one of several possible precursors of nonessential glycine acid, which is synthesized in an animal's body, and in this sense the threonine plays a part in the regulation of digestion.

HS Code : 2922.50
CAS No. : 72-19-5
Origin : China
Packaging : 25 kg bag



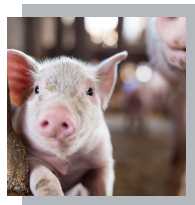
Specifications :

Parameter	Unit	Specification
Appearance		White to off white crystalline powder
Threonine Content	%	Min. 98.50
Loss on Drying	%	Max. 0.20
Pb	mg/kg	Max. 10.00
Arsenic	mg/kg	Max 1.00

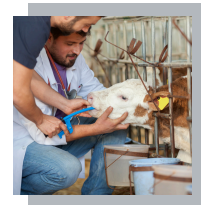
Applications :



Serves as a source of energy, and regulated feed intake



Improves amino acid balance



Prevents threonine deficiency and enhance lysine absorption

DL Methionine



Methionine is a sulfur-containing amino acid that is essential for healthy and productive poultry. It is important for many different functions in the body. By producing methyl groups, methionine is responsible for a variety of metabolic reactions. It is also essential for cell proliferation and development.

HS Code : 2930.00
 CAS No. : 59-51-8
 Origin : China
 Packaging : 25 kg bag

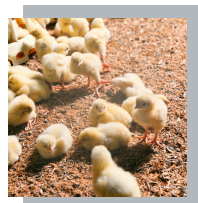
Specifications :

Parameter	Unit	Specification
Appearance		White to off white crystalline powder
Methionine Content	%	Min. 99.70
Loss on Drying	%	Max. 0.05

Applications :



Essential nutrients to build protein-block



Important for overall growth and development of animals



Suitable for herbivore animals



CONTACT US

133 Cecil Street, #12-03 Keck Seng Tower,
Republic of Singapore - 069535

Tel : +65-62276365

Fax : +65-62256286

Email : contact@chemtradeasia.com

