



Be Ambitious FZC

BARLEY

ANIMAL FEED





Specifications Technical & Safety Data Sheet

DESCRIPTION

Barley (*Hordeum vulgare*), a member of the grass family, is a major cereal grain grown in temperate climates globally.

It was one of the first cultivated grains, particularly in Eurasia as early as 10,000 years ago. Barley has been used as animal fodder, as a source of fermentable material for beer and certain distilled beverages, and as a component of various health foods.

It is used in soups and stews, and in barley bread of various cultures. Barley grains are commonly made into malt in a traditional and ancient method of preparation.

In 2014, barley was ranked fourth among grains in quantity produced (144 million tons) behind maize, rice and wheat .



Commodity : Barley Animal Feed

Quality	Parameter Measure
Product	Barley Animal Feed
Moisture Content	14 pct Max Total Aflatoxin 20 ppb Max
TVN	Neuter Panel Test
Max Crude Protein on Dry Basis (Nx 6.25)	Pale Yellow (Max 15 Red 15 Yellow) (Lovibond 5 1/4 Cell)
Hectoliter Weight	56 kg/hl
Min Broken Kernels	3pct Max
Foreign Material	4% Max
Fungi-Kernels	0.08 Max-Free Live Insects



Commodity : Barley Animal Feed



Quality	Parameter Measure
Origin	Argentina & South Africa
Moisture	14% Max
Foreign Matter	1% Max
Damaged Grains	3.0% Max
Slightly Damaged & Discolored Grains	2.5% Max
Shriveled & Immature Grains	3% Max
Weevilled Grains	1% Max
Protein	Between 9 & 11.5%

Commodity : Barley Animal Feed

Quality	Parameter Measure
Oil (Fat)	Between 1 to 2%
Fiber	Between 5 to 11%
Acid Insoluble Ash	< 4.5 %
Foreign Matter	NIL
Seed Germination Value	60%
Type	Barley Animal Feed
Variety	95% Minimum
Cultivation Type	Common
Style	Dried

Commodity : Barley Animal Feed



Quality	Parameter Measure
Cultivation Type	Common
Style	Dried
Drying Process	AD
Size (mm)	3
Brand Name	Grade A-B Barley
Model Number	Feed Grade
Barley Malts	Dried Malts
Mini Broken Kernels	3% Max
Foreign Material	4% Max
Fungi-Kernels	0.08 Max-Free Live Insects

STABILITY & REACTIVITY

Reactivity:

Stable at ambient temperature and under normal conditions of use.

Chemical Stability:

Stable under normal conditions.

Possibility Of Hazardous Reactions:

Hazardous polymerization will not occur.

Conditions To Avoid:

Direct sunlight. Extremely high or low temperatures. Protect from moisture. Use good housekeeping practices during storage, transfer, handling, to avoid excessive dust accumulation.

Incompatible Materials: Strong acids. Strong bases. Strong oxidizers.

Hazardous Decomposition Products Carbon oxides (CO, CO₂)



TOXICOLOGICAL INFORMATION

Skin corrosion/irritation: Not classified pH: 6 - 8 (0.5% Soln)

Serious eye damage/irritation: Not classified pH: 6 - 8 (0.5% Soln)

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Teratogenicity: Not available

Carcinogenicity: Not classified

Specific target organ toxicity (repeated exposure): Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity (single exposure): Not classified



TOXICOLOGICAL INFORMATION

Aspiration hazard: Not classified

Symptoms/injuries after inhalation: Prolonged inhalation of dust may cause respiratory irritation.

Symptoms/injuries after skin contact: Dust may cause irritation in skin folds or by contact in combination with tight clothing.

Symptoms/injuries after eye contact: Dust from this product may cause minor eye irritation.

Symptoms/injuries after ingestion: None under normal use.

