

Product Information Mepron®

Appearance

Almost white, free flowing cylindrical granulate

Bulk density: 710 kg/m³ ± 10%

Particle size: Pellets 1.8 x 3 mm

Solubility: Nearly insoluble in water

Specified values

Assay min. %	85.0
Loss on drying max. %	2.0
Ash max. %	2.0

Production

Mepron® is produced by coating methionine with a protective coating.

Use

Mepron® is the time-released, rumen-protected source of methionine for dairy herds. Methionine is the amino acid most commonly limiting herd performance. Mepron® is included into dairy rations to achieve better balanced dairy rations. Typical inclusion ranges from 10 to 20 g per cow per day, depending on performance and ration composition.

Nutritional matrix

Digestibility 100.0 %	
Crude protein 50 %	Crude fat 1 %
Crude fiber 3 %	Crude ash 1.5 %
NEL 5.2 MJ/kg (1.25 Mcal/kg / .56 Mcal/lb)	

Processing

The Mepron® pellet (1.8 x 3 mm) containing DL-Methionine is virtually dust-free, has a very high durability (>99.9 %) and low loss on drying (max. 2 %). Its technical properties result in excellent performance during conveying and in perfect flowability. Mepron® can be mixed homogeneously. The rate of rumen protection will not decrease when mixed with potentially abrasive components (mineral mixes, molasses, silage) or when subjected to heat (85°C) and/or moisture. The mechanical stress during transport with common conveyers (screw, elevator, pneumatic transport) has no effects on the rumen protection of Mepron®. Pelletizing of the Mepron® -containing mixtures is not recommended.

Storage, stability and packaging

Mepron® should be kept cool and dry in unopened original packaging. Storage conditions of 5° - 30°C and 40-75 % rel. humidity are recommended. Under these conditions, stability is guaranteed for at least 3 years from manufacturing date on. The manufacturing date is part of the lot number on the package label.

Packaging:

Valve type paperbag 2-ply + plastic film, 25 kg net

Bulk bag / FIBC, 750 kg net

Regulatory affairs

CAS-No. (DL-Methionine) 59-51-8

Customs tariff number: 230990

Mepron® is approved for use in all animal species according to European feed law and labeled accordingly.

Mepron® is not subject to dangerous goods regulations.

Safety and environment

Mepron® can be handled safely.

According to EU chemicals legislation, it is non-toxic, and, if correctly handled, it does not irritate the skin and mucous membranes. Skin sensitization has never been reported, and is unlikely to occur. Accordingly, it is not classified as a hazardous chemical. The usual regulations for safety and hygiene should be followed.

For additional information, please note our [safety data sheet](#).

Contacts

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