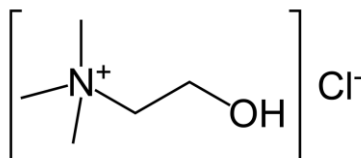


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**Choline chloride 60% – Feed Grade**

**2-Hydroxy-N,N,N-trimethylethanaminium; ethanaminim, 3-hydroxy-N,N,N-trimethyl-, chloride; Bitartrate, Choline; Bursine; Chloride, Choline; Choline Bitartrate; Choline Chloride; Choline Citrate; Choline Hydroxide**

**CHEMICAL CHARACTERISTICS**

CAS N°:	67-48-1
EINECS N°:	200-655-4
Molecular Formula:	C5H14NO.Cl or C5H14ClNO
Molecular Weight (g/mol):	139.623
Physical Description:	Beige to Brown, free-flowing granules

**TECHNICAL PROPERTIES**

Assay (Content of Choline chloride (%))	≥ 60 %
Loss on Drying (%)	≤ 2 %
Particle size:	
- Through 20 Mesh Sieve (%)	≥ 90 %
Trimethylamine (TMA) content (ppm)	≤ 300 ppm

**APPLICATION**

Choline chloride is a well-known and globally accepted additive for feed.

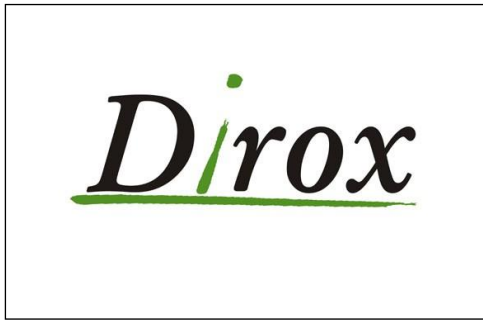
Choline chloride is one kind of vitamins, it is essential component of lecithin and it is very important for the nutrition and growth of the animals because young animals cannot synthesize Choline chloride itself, So their required Choline should be taken from feed stuff.

Choline chloride used to treat fatty liver disease and liver cirrhosis, also used as livestock feed additives, can stimulate the ovaries produce more eggs and cub, to put on weight for livestock, fish etc.



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**PACKING & STORAGE**

Choline chloride is packed in 25 kg plastic bags.  
 Choline chloride is an hygroscopic material. Keep dry in sealed bags.  
 Store in cool (recommended storage temperature 10° - 30°C) and dry place.

**GUARANTEED SHELF LIFE**

Recommended shelf life of Choline chloride is 24 months from the manufacture date.

**TRANSPORT**

Choline chloride can be transported by all types of transport in accordance with Goods Transport Rules applicable for this vehicle of product.

**CERTIFICATION**

Product safety is confirmed by the Safety Data Sheet.

By more information contact to: [sales@dirox.com.uy](mailto:sales@dirox.com.uy)

