

BREDOL 696

Bredol 696 is a non-ionic emulsifier for animal feed. It is used in milk replacers for calves, piglets and lambs and has been used as such for many years. It has a strong emulsion capacity and a pronounced defoaming effect.

Typical data and properties

Chemical and physical data

Active content
Appearance, 20°C
Pour point
Density, 20°C
Flash point
Viscosity, 20°C

Typical values

100%
yellow liquid
-15°C
1.020 g/cm³
>100°C
800 mPa s

Solubility

The solubility of 5% **Bredol 696** is as follows:

Ethanol	soluble
Propylene glycol	partially soluble
Water	partially soluble

Miscibility

Bredol 696 mixes well with fats and oils.

When adding **Bredol 696** and lecithin to fat, they must be added one at a time, not premixed. If **Bredol 696** and lecithin are premixed, there is a risk of gel formation.

When mixing **Bredol 696** with water, stirring is needed to avoid risk of gel formation.

Shelf life

Bredol 696 is designed to have a shelf life of at least two years when stored in unopened containers.

It is recommended that **Bredol 696** is stored at room temperature at dark and dry conditions.

Antioxidant is added.

Handling

Bredol 696 is pumpable at temperatures above 15°C.

Further information is given in the Safety Data Sheet.

Approval

Bredol 696 is a Glyceryl Polyethylene Glycol Ricinoleate, E484, permitted for use in animal feedstuff according to the EU Feed Additive Regulation 1831/2003 with reference to the EEC Council Directive 70/524. According to Annex 1 of the Directive, this type of additive may be used in all types of feedstuff for all species of animals. There are no restrictions mentioned on maximum content.

The product is approved in many other countries outside the European Union. The importer should however always control the approval status in the actual country prior to import.

Production and Quality

The production of Bredol products is duly registered at the Swedish Board of Agriculture in accordance with the EU Feed Hygiene Regulation 1831/2005.

A Good Manufacturing Practice based on HACCP principles as per the FAMI-QS code of practice (www.fami-qs.org) is applied.

FAMI-QS certificate as well as ISO 9000 and ISO 14000 certificates are available.

Akzo Nobel also commits to the codes of Responsible Care.