

BREDOL 694

Bredol 694 is a non-ionic emulsifier for use in animal feed. It has a hydrophilic character and is used in special applications such as the production of certain vitamin emulsions.

Typical data and properties

Chemical and physical data

Active content
Appearance, 20°C
Pour point
Density, 30°C
Flash point
Viscosity, 30°C

Typical values

100%
cloudy liquid/paste
22°C
1.050 g/cm³
>100°C
450 mPa s

Solubility

The solubility of 5% **Bredol 694** is as follows:

Ethanol	soluble
Propylene glycol	partially soluble
Water	soluble

Miscibility

When **Bredol 694** is dissolved in water stirring is needed to avoid risk of gel formation

If **Bredol 694** is used in fats and oils, a continuous stirring is necessary to avoid separation.

Shelf life

Bredol 694 is designed to have a shelf life of at least two years when stored in unopened containers.

It is recommended that **Bredol 694** is stored at room temperature at dark and dry conditions.

Antioxidant is added.

Handling

Bredol 694 is pumpable at temperatures above 25-30°C.

Further information is given in the Safety Data Sheet.

Approval

Bredol 694 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 183/2005.

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.