

Bredol[®] 695

Bredol 695 a non-ionic emulsifier for use in animal feed. The product has a hydrophilic character and is used for special applications such as production of vitamin emulsions.

Typical Data

Chemical and Physical Data	Typical Values
Active content	100%
Appearance	yellow liquid at 20°C
Density	1050 g/cm ³ at 20°C
Flash point	> 100°C
Pour point	9°C
Viscosity	850 mPa.s at 20°C

Solubility

The solubility of 5% **Bredol 695** is as follows:

Ethanol	soluble
Propylene glycol	partially soluble
Water	soluble

Typical data are based on our own measurements or derived from the literature.
They do not constitute part of the delivery specification.

Miscibility

When dissolving **Bredol 695** in water, stirring is needed to avoid risk of gel formation. If **Bredol 695** is used in fats and oils, a continuous stirring is necessary to avoid separation.

Shelf life

Bredol 695 is designed to have a shelf life of at least two years when stored in unopened containers. It is recommended that **Bredol 695** is stored at room temperature under dark and dry conditions. Antioxidant is added.

Handling

Bredol 695 is pumpable at temperatures above 25°C. The viscosity varies with temperature and attention must be paid when selecting dosage equipment and pipes. A viscosity graph is available on request. Phase separation may appear if the product has been exposed to temperatures below its pour point. Homogeneity of the product should be ensured before use.

Further information is given in the Safety Data Sheet.

Approval

Bredol 695 a Glyceryl polyethyleneglycol 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.

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.

Bredol[®] 695

Production and quality

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 is available.

Akzo Nobel also commits to the codes of Responsible Care.

No representation or warranty, expressed or implied, is made as to the accuracy or completeness of the information of data contained herein and AkzoNobel Surface Chemistry shall have no obligation or liability whatsoever with respect to any such information or data, including, but not limited to, any liability for infringement of patent or other industrial property rights. AkzoNobel Surface Chemistry disclaims all implied warranties of merchantability and fitness for a particular purpose. AkzoNobel Surface Chemistry shall in no event be liable for incidental or consequential damages, including, without limitation, lost profit, loss of income, loss of business opportunity and any other related costs and expenses.