

## BREDOL 695

**Bredol 695** is 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 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  
9°C  
1.050 g/cm<sup>3</sup>  
>100°C  
850 mPa s

#### Solubility

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

Ethanol	soluble
Propylene glycol	partially soluble
Water	soluble

### 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 at dark and dry conditions.

Antioxidant is added.

### Handling

**Bredol 695** is pumpable at temperatures above 25°C.

Further information is given in the Safety Data Sheet.

### Approval

**Bredol 695** 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](http://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.