

BREDOL 688

Bredol 688 is a non-ionic emulsifier for animal feed. It has a strong hydrophilic (water soluble) character. The product has strong solubilization and dispersion properties

Typical data and properties

Chemical and physical data

Active content
Appearance, 20°C
Melting point
Flash point
Viscosity, 60°C
Density, 60°C

Typical values

100%
wax
Approx 45°C
>150°C
300 mPas
1.070 g/cm³

Solubility

The solubility of 5% **Bredol 688** is as follows:

| | |
|------------------|-------------|
| Ethanol | soluble |
| Propylene glycol | dispersible |
| Water | soluble |
| Fats & oils | insoluble |

Miscibility

When dissolving **Bredol 688** in water, stirring is needed to avoid risk of gel formation.

Shelf life

Bredol 688 is designed to have a shelf life of at least two years when stored in unopened containers. It is recommended that **Bredol 688** is stored at room temperature under dark and dry conditions.

Antioxidant is added.

Handling

Bredol 688 has to be melted before use.

When melting, the product should be heated in such a way that localised overheating is avoided.

Further information is given in the Safety Data Sheet

Approval

Bredol 688 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