



# TENAGREEN BS

## 40

### Chemical Description

Ethylene oxide derivatives

### Packaging

25 kg and 100 kg plastic drums and 1000 Kg plastic tanks

### Main Use

Plasticizer for pressing ceramics

### Material Safety

“ Detailed health and safety information can be found in our safety data sheet, available according to ECC Directive.”

### Typical Values

**Appearance at 20 °C:** Clear liquid

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**pH (10% solution):** 4.5 - 8

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**Dry content:** 49 - 51%

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**Gardner colour:** max. 2

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### Product Properties

TENAGREEN BS 40 is based on polyethylene glycol having high lubricant features.

The hygroscopicity is low, an important fact to reduce the sensitivity of the spray-dried granulates respect on the relative humidity of the environment.

### Applications

Is a well known plasticizer for pressing of technical ceramics, suitable to improve the plasticity of ceramic bodies containing PVA (polyvinyl alcohol) or acrylics as binder.

TENAGREEN BS 40 has a lubricant action too.

The burn-out starts at about 400°C and is complete at about 600°C .

The amount of addition ranges from 100 to 20 % on the percentage of binder.

### Storage and Handling

TENAGREEN BS 40 is stable to prolonged storage under condition where extreme temperatures do not occur. The product should be stored between 5°C and 35°C. Avoid freeze. In order to maintain the performance of the product, store at room temperature and protect from frost.

The shelf life is at least twelve months if this condition is observed.

This information and our technical recommendations, if any, both verbal and in writing, are given to the best of our knowledge, without any guarantee of fitness for a specific purpose. Each user of our products is the sole responsible for assessing and ensuring compliance with all legal regulations including intellectual property laws and necessary certifications and authorizations with respect to the use, combination and processing of our products. Our technical recommendations do not release the user from the obligation to check its validity and to test our products as to their suitability and fitness for the intended processes and uses. The application, use and processing of both our products and the products manufactured by the user (on the basis of our technical recommendations, if any) are beyond our control and, therefore, the user is the sole responsible for them. Detailed information and instructions on handling the products and cautions to be observed in the use of them are available in our relevant Safety Data Sheet.