

# efka® - 6230

## Anionic wetting and dispersing agent for inorganic pigments

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**Composition:** Aliphatic polyether with acidic groups

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**Data:**

Active ingredients	: 100%	
Density at 20 °C	: 1.02 - 1.07 g/cm <sup>3</sup>	DIN 51757
Acid value	: 95 - 105 mg KOH/g	DIN 53402
Appearance	: clear yellowish liquid, turbidity at approximately 18 °C	

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**Properties:** EFKA-6230 is a wetting and dispersing agent for inorganic pigments and fillers in solvent-based, solvent-free and water-based systems. The advantages are:

- reduced grinding and dispersion time
  - increased pigment loading in the mill-base or pigment concentrate enabling to achieve VOC level below 250 g/l in highly filled solvent-based systems
  - improved gloss, levelling and flow
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**Applications :** EFKA-6230 can be used in all solvent-based and solvent-free industrial and decorative coating systems. It is especially suitable for wetting, dispersion and stabilisation of inorganic pigments and fillers in solvent-free epoxy and polyurethane systems, like flooring or pipe-line coatings.

EFKA-6230 can also be used to decrease the viscosity of water-based resin-free inorganic pigment concentrates, based on high molecular weight dispersing agents like EFKA-4550.

In addition EFKA-6230 is suitable for dispersion and stabilisation of inorganic pigments and fillers in water-based decorative paints based on acrylic emulsions, achieving a better rheology and improved gloss.

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**Addition :** 1 - 3% based on fillers and inorganic pigments.  
It is recommended to neutralise EFKA-6230 with an amine to pH 7.5 – 8.0, to make it water-soluble.

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**Incorporation :** EFKA-6230 when used in mill-bases, should be added before grinding. If it is used for post-addition in pigment concentrates, a good dispersion is required.

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**Storage:** EFKA-6230 should be stored in a cool dry place, preferably at room temperature (20 °C). The haziness and solidification that can take place below 18 °C, does not affect the quality and can be reversed by heating. When kept in an original unopened container, it will keep up to 5 years from the manufacturing date. The expiry date is indicated on the container.

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**Packaging :** 25 kg and 200 kg non-returnable containers

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