PERFORMANCE Chemicals, LLC

www.perfchem.us

Product Information

PC -5454 ANTIFOAM

PRODUCT DESCRIPTION:

PC-5454 is a 50% active self-emulsifying antifoam that is easy to use and readily dispersible in water. PC 5454 contains no Formaldehyde, or Aldehyde derivatives. It may be used in hot or cold foaming systems over a wide pH and temperature ranges. PC-5454 is compatible in most textile and coating applications. Because it is self-emulsifying, it is ideal for ink defoaming, dyeing processes and organic paints and coatings especially clear systems. PC-5454 exhibits excellent shelf life and dilution stability over a long period of time.

APPLICATIONS:

- Clear Water Based Products for Inks, Paints, and Coatings
- Resin Products
- Fabric Jet-Dying and Beck Dying of Fabrics
- Distillation Processing
- Softeners, Bleach Baths, and Scour solutions

BENEFITS:

- Water Dispersible - Free Rinsing
- Easily Diluted
- High or Low pH Range
- Dispersible in Organic Compounds
- Excellent In Clear Products
- Very Cost Effective

TYPICAL PROPERTIES *

PROPERTY	VALUE	UNIT
APPEARANCE:	Opaque, milky white liquid	-
PERCENT OF ACTIVE SOLIDS:	50%	-
VISCOSITY @ 25°C (77°F):	2000	**CPS (Brookfield)**
SPECIFICE GRAVITY @ 25°C (77°F):	1.01	g/ml
WEIGHT PER GALLON:	8.30	**Lb/gal**
pH RANGE:	7.5 – 8.5	**-pH Meter**
SOLUBILITY:	Dispersible in water	-

*** :** The above information is given only as a listing of typical properties and is not intended to be representative of product specifications. Please contact the Quality Assurance Department for current product specifications.

DIRECTIONS FOR USE:

PC- 5450 antifoam is best used in diluted form to provide a high level of foam control. Levels used in a standard dye bath of a 5% active solids dilution typically range from 0.15 to 0.25 grams per liter of product to be defoamed. When diluting PC-5450, agitate the water and mix until dispersed. For long term dilution stability, add a biocide such as Proxel GXL (Zenica Biocides), a polyacrylate or Xanthan Gum thickener and a small amount of caustic to raise the pH to 7.5-8.5. A viscosity in the 700-1000 cps range is desirable.

This information is not to be taken as a warranty or representation for which we assume legal responsibility nor as permission or recommendation to practice any patented invention without a license. It is offered solely for your consideration, investigation, and verification. Refer to the Safety Data Sheet (SDS) for health, safety, and personal protection.

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