

KETJENFLEX® CP

p-Toluene sulfonic acid catalyst

AXC.08.04

General Information

KETJENFLEX® CP is para toluene sulfonic acid, used as a catalyst in many chemical processes.

Description and Application

KETJENFLEX® CP is a strong catalyst with a high protonating capacity. KETJENFLEX® CP is used as catalyst in the following processes:

- Catalyst in epoxy-amine systems
- Acid cured wood coatings
- Fatty acid esterification
- Curing melamine formaldehyde resins
- Aldol and enol reactions
- Nitrosations of alkenes
- Synthesis of azo dyes
- Synthesis of various other dyes and pigments

KETJENFLEX® CP is used as a pH regulator in electroplating processes. KETJENFLEX® CP (in combination with nitric acids) can be used for what is called the 'bright dip' giving a shiny surface to copper, silver, gold, chrome and nickel electroplated metal.

Specifications

Active content:	≥ 98.0%
Free acid	≤ 0.5%
Water content:	≤ 2.0 %
Iron content	≤ 10 ppm

Physical Properties

Appearance:	White crystalline powder
Melting point:	approx. 106°C
Solubility in water:	approx. 700 g/l
Bulk density:	1200 kg/m ³

Toxicological information

Acute toxicity (oral):	LD50 rat ≥ 1410 mg/kg
Genotoxicity (Amestest):	not mutagenic
Biodegradation:	inherently biodegradable

KETJENFLEX® CP is approved by the U.S. Food and Drug Administration (FDA) according to CFR 21, section:

- 175.105

Packaging

- 25 kg in polypropylene bags, 30 on a pallet

Storage

Keep packaging well closed. Store in a cool dry place.

Think about your impact on the environment: reduce, reuse or recycle! Contact Axcentive if you feel we could be of help.

The information presented herein is true and accurate to the best of our knowledge, but without any guarantee unless explicitly given. Since the conditions of use are beyond our control, we disclaim any liability, including for patent infringement, incurred in connection with the use of these products, data or suggestions.

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