

DETERGENT BUILDER

Product Bulletin



AQUASOL 245N

INCI Name

Sodium Polyacrylate

Description

AQUASOL 245N is a homopolymer of acrylic acid with optimized molecular weight and molecular weight distribution. It can be used as detergent builder in solid and liquid detergent applications for fabric, industry and institution.

Specification

Parameter	Value
Appearance	Colorless to yellowish clear liquid
pH (20%soln., 25°C)	6.8-7.8
Solid content (%)	44.0-46.0
Viscosity (mPa·s, 25°C)	400-1400
Calcium ion chelating capacity (mg/g)	300-400

These values indicate typical specifications, they are not intended to be used as product specifications.

Properties

- AQUASOL 245N shows excellent chelating capacity of Calcium and Magnesium ion. This allows to reduce the precipitation of insoluble carbonate, phosphates and sulphates on the fabric effectively.
- AQUASOL 245N can destroy the crystal lattices which helps effective reduction of adherence of salts on fabric surface
- AQUASOL 245N shows excellent dispersing properties for soils and can prevent their

redeposition on the surfaces.

Applications

- Dishwashing detergent
- Liquid fabric wash
- Industrial and institutional detergent
- Washing powder

Formula Guidelines

Because of its widely application, dosage of AQUASOL 245N should be determined according to specific detail, further information can be derived from Technical & Service Department of TINCI.

Storage & Handling

Standard Packing: 270 kg/drum

Storage: Keep in cool, dry, ventilated and lightless place.

Storage life: 12months

GUANGZHOU TINCI MATERIALS TECHNOLOGY CO., LTD.

8th Kangda Road, Yunpu Industrial Zone, Huangpu District,
Guangzhou, China

TEL: 86-20-82251159 FAX: 86-20-82250169

WEBSITE: www.tinci.com

Version: A/1

last version date: 2016-01-02