

# AROSURF® PA 871

## Composition

AROSURF® PA 871 is an organic softener/emollient for tissue and towel manufacturer.

## Physical properties

Appearance at 20 °C	Almost colourless, clear liquid
Viscosity, mPas at 25 °C	Approx.. 25
pH	6 – 8
% VOC's by EPA method 24	< 3
Specific gravity, g/cm <sup>3</sup>	0.9
Flash Point, °C, PMCC	> 100

## Application fields

AROSURF® PA 871 softener is applied to tissue or towel surfaces by spray onto the wet web.

AROSURF® PA 871 is suitable for application onto virgin, low strength and recycled fibers.

## Benefits

- AROSURF® PA 871 is highly concentrated non-ionic product.
- AROSURF® PA 871 imparts a soft, slippery surface feel to tissue.
- AROSURF® PA 871 does not have significant influence on tensile strength or water absorbency.

- AROSURF® PA 871 is suited for formulation with non-ionic, cationic, or organo-modified siloxane softeners.
- AROSURF® PA 871 is liquid at room temperature and is easily dispersible in warm water.
- Aqueous dispersions of AROSURF® PA 871 have low viscosity and can be spray applied.

## FDA Status

21 CFR § 176.170 and 176.180 – Defoaming agents used in the manufacture of paper and paperboard.

## Registration status

AROSURF® PA 871 is listed on the TSCA inventory.

AROSURF® PA 871 is cleared for the following international inventories:

EINECS, Canada (DSL), Japan (ENCS-MITI), Australia (AICS), Philippines (PICCS)

## Storage stability

AROSURF® PA 871 should be stored at temperatures between 10 and 40 °C.

AROSURF® PA 871 can be stored in the original sealed containers at room temperature for 6 months.

## Packaging

AROSURF® PA 871 is available in bulk, 900 kg net, plastic containers and 190 kg net plastic drums.

## Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport of chemicals
- protective measures for storage and handling
- measures in case of accidents and fires
- toxicity and ecological effects

is given in our material safety data sheets.

07/2015

### Trademark notice and legal notice

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

(Status: July 2015)

### Evonik Nutrition & Care GmbH

Goldschmidtstr. 100, 45127 Essen, Germany

Phone Europe +49 201 173-2665, Asia +86 21 61191 125, Americas +1 804 727 0700

interface-performance@evonik.com, [www.evonik.com/interface-performance](http://www.evonik.com/interface-performance)