

## Technical Information

## SURFYNOL® AS 5180

SURFYNOL® AS 5180 is a non-ionic organic surfactant.

## Physical properties

Appearance	colorless, clear liquid
Active content	100 %
Density (25 °C)	approx. 0.95 g/cm <sup>3</sup>
Viscosity (25 °C)	low viscous

## Application

- SURFYNOL® AS 5180 improves the wetting properties of aqueous dispersions on difficult substrates and may therefore be used in a variety of applications of pressure sensitive adhesives in high dynamic processes.
- Formulation and application of polymer dispersions/latices with fillers or pigments, e. g. paper coatings.
- In a multitude of other industrial applications where negative interaction between substrates and coatings has to be overcome.

## Benefits

SURFYNOL® AS 5180 is a very low foaming wetting agent for water based systems. It is solvent and silicone-free.

Due to the special selection of active ingredients SURFYNOL® AS 5180 outperforms conventional wetting agents due to the low foaming behavior and its fast surface migration.

## Dosage/Handling

SURFYNOL® AS 5180 may be added to the dispersion as delivered.

Pre-dilutions are possible and could be beneficial depending on the facilities.

Depending on the application in question the required dosage may vary over a wide range (0.1 % to 1.0 %); suitable screening test are therefore recommended (initial dosage 0.3 %).

## Food contact status

Information on the food contact status of SURFYNOL® AS 5180 is available on request.

## Registration status

The components of SURFYNOL® AS 5180 are listed in the following chemical inventories:

EINECS, TSCA (restricted to the a.m. application fields), DSL, ECL, ENCS, PICCS, IECSC and AICS

## Storage stability

SURFYNOL® AS 5180 is stable in closed containers for a minimum of 12 months.

## Packaging

190 kg steel drum (760 kg each pallet)

## Hazardous goods classification

Information concerning

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

is given in our material safety data sheets.

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