



# Surfadol 541 Series

**Dynamic wetting agent and molecular defoamer**



At Ravago Chemicals UK we are delighted to introduce the Surfadol 541 series of dynamic wetting agents and molecular defoamers. Surfadol 541 is high performing yet cost-effective and has been developed specifically with paints, coatings and adhesive applications in mind.

The unique chemistry of Surfadol 541 can deliver a combination of benefits, including surface tension reduction and simultaneous foam control.

## The Surfadol 541 series provides:

- Improved surface wetting helping to solve problem surface defects
- Optimum foam control
- Low equilibrium and dynamic surface tension
- Ability to wet hydrophobic substrates
- Improved flow and levelling
- Improved colour retention and stability in pigmented systems
- Non-toxic and free from silicones & alkylphenol ethoxylates (APEO's)
- REACH compliant

## Primary applications include:

- Paints and coatings
- Inks and graphic arts
- Adhesives
- Pigment preparations
- Agricultural chemicals
- Emulsions
- Paper production
- Detergents

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## Surfadol 541 properties:

| Item                      | 541A                      | 541BC           | 541DPM                              | 541E            | 541H            | 541PA        | 541PG            | 541S             |
|---------------------------|---------------------------|-----------------|-------------------------------------|-----------------|-----------------|--------------|------------------|------------------|
| Appearance                | Light yellow clear liquid |                 |                                     |                 |                 |              |                  | White powder     |
| APHA Colour (Pt-Co)       | <350                      | <350            | <350                                | <350            | <350            | <350         | <350             |                  |
| Active Ingredient Content | 50%                       | 50%             | 50%                                 | 50%             | 75%             | 50%          | 50%              | 42.5%            |
| Solvent / Carrier         | 2-Ethylhexanol            | 2-Butoxyethanol | Dipropylene glycol monomethyl ether | Ethylene glycol | Ethylene glycol | Iso-propanol | Propylene glycol | Amorphous silica |
| Solubility                | Slightly soluble          |                 |                                     |                 |                 |              |                  | n/a              |

## Quick product facts:

|                       |  |
|-----------------------|--|
| Chemical composition: | Acetylenic Diol                              |
| Chemical name:        | 2,4,7,9-Tetramethyl-5-decyne-4,7-diol (TMDD) |
| CAS-Number:           | 126-86-3                                     |
| Concentration:        | 42.5% – 100% (base Surfadol 541)             |
| Recommended usage:    | 0.2 – 2.0% of total formulation weight       |

## Storage & handling

This product should be stored out of direct sunlight, at a temperature below 30°C, in a dry and well-ventilated area away from sources of ignition (see MSDS for materials to avoid). This product has a shelf-life of 48 months from date of manufacture, when stored in original unopened packaging, as per prescribed conditions. Mix thoroughly before use.

## Packaging & delivery

Wherever possible, order quantities will be adapted to suit individual customer requirements. Contact our team for more details.

## Need more information?

Contact Ravago Chemicals UK where our team of technical sales managers are ready to assist you with technical information, support and samples. Our strategically positioned UK warehouses and service locations means we can offer our customers short lead times, as standard. Available for orders received before 2pm the day before.

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**Local** service,  
**Global** strength