

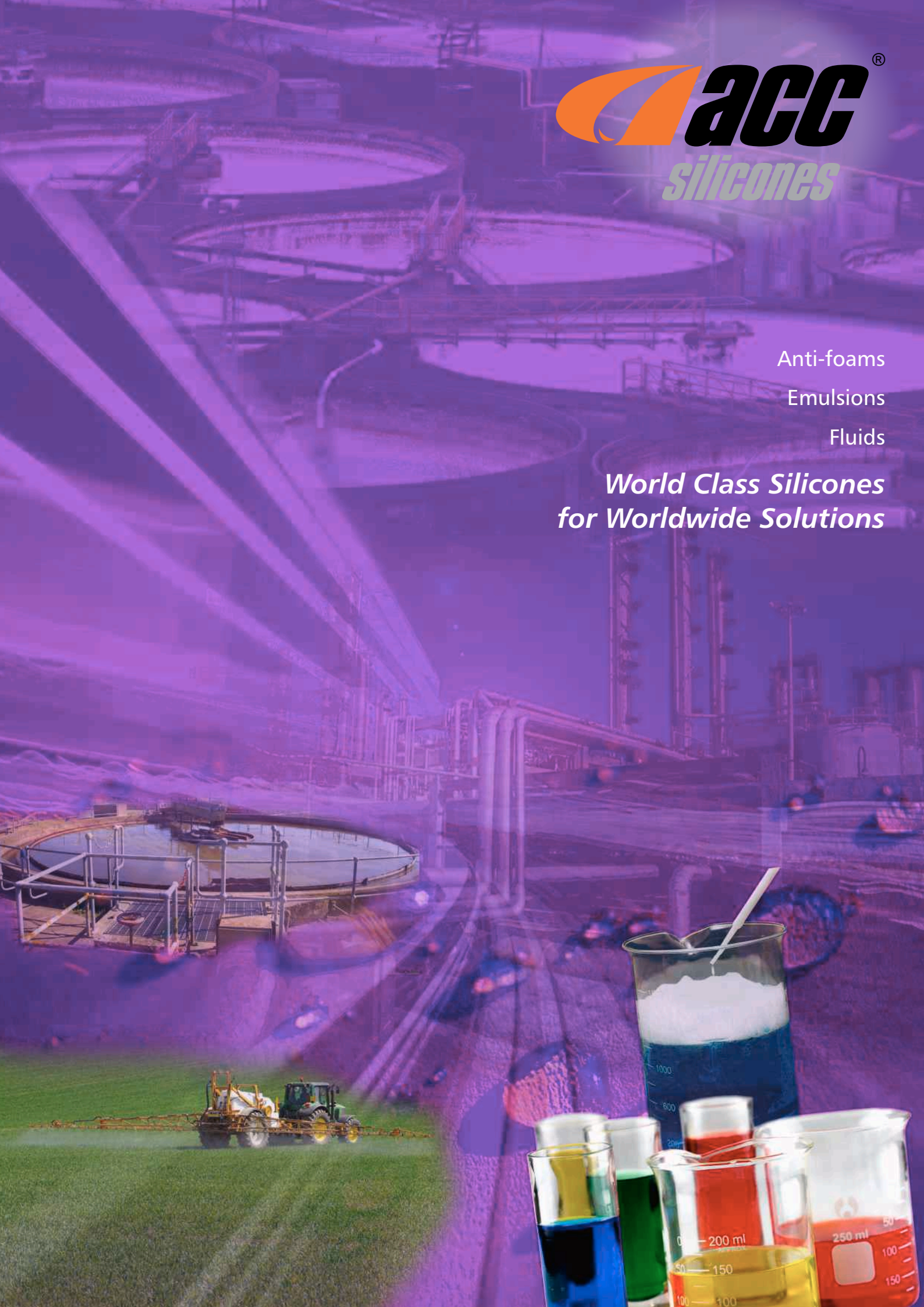


Anti-foams

Emulsions

Fluids

*World Class Silicones  
for Worldwide Solutions*



# Antifoams/Defoamers

Silicone antifoams and defoamers are highly active and very effective agents used to prevent or suppress foams in many chemical processes without contaminating or altering the product. Our antifoams range is available in the form of: compounds, emulsions and powder. Our highly active products reduce dosage rates and provide a cost effective alternative to less effective materials used in both aqueous and non-aqueous systems. FDA approval products are suitable for use in the food processing industry.

## Applications

- Food - processing aid for washing and food manufacturing
- Brewing - processing aid for use in filling process or as a foam regulator
- Textiles - for use in fabric dyeing, finishing and sizing
- Chemical processing - used in distillation process, drilling oils & water waste treatment
- Leather treatment - used in leather dyeing and finishing
- Household cleaners - additive for use during the filling process or as foam regulator
- Adhesive manufacture - used during production process



## Emulsions

Silicone emulsions are inert, heat stable, non-toxicity products, which suit many industrial applications where lubrication, gloss, antistatic, protective and release properties are advantageous. Silicone emulsions can be divided into three groups depending on the type of emulsifier system used, they can be: anionic, cationic and non-ionic. Most emulsions are non-ionic as they are compatible with either of the other two systems but depending on the application, cationic or anionic emulsions can be chosen. FDA approval products are suitable for use in the food processing industry.

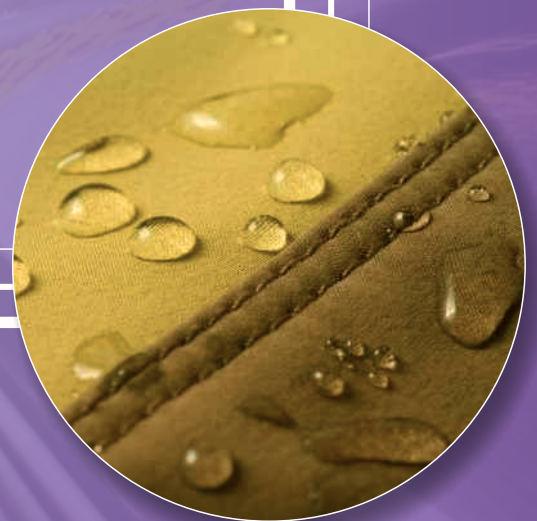
## Applications

- Rubber lubrication - release agents, lubricants
- Food tray & plastics release agents - for thermoplastic and thermosetting materials
- Car polishes and dressings - protection, weather resistance, gloss and spreadability
- Household cleaners and polishes - protection, weather resistance, gloss and spreadability
- Textile finishing - enhanced feel to fabrics, improve water repellency and reduce creasing
- Water repellency - perlite, vermiculite and clay impregnation
- Printing and paper making - lubricants and antistatic agents in offset printing

## Silicone Fluids

ACC Silicones supply a wide range of standard PDMS and speciality fluids for many varied industrial applications.

- Release agents for rubber and plastic
- Formulation aids
- Pharmaceutical
- Hydraulic damping



# ACC Silicones have been manufacturing silicone compounds for over 35 years

ACC Silicones have been manufacturing silicone compounds for over 35 years and has gained an enviable reputation for proven performance and quality with materials for use in a wide range of industrial applications. Our customer focused development program and flexible-manufacturing plant enables us to keep pace with the needs of today's modern production methods and design requirements. Qualified, experienced sales and technical staff are readily available to make site visits and advise on product selection and production methods.

ACC Silicones group of companies has grown over recent years to include technical research and production facilities in the UK, mainland Europe and the US. Our expertise extends into all areas of silicone chemistry, with a strong bias towards application-based solutions.

## Bespoke Production Facilities

Our flexible facilities based upon batch production allow us to offer formulations to meet very specific application requirements. Subject to strict commercial evaluation we are able to chemically engineer our products and change the following properties.

- Viscosity
- Dilution rates
- Dosage rates
- Activity levels



**acc silicones europe**

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