

Product Specification

BREAK-THRU® AF 5503

Product description

BREAK-THRU® AF 5503 is a silica-free antifoam concentrate based on organo-modified siloxanes.

Physical properties

Viscosity at 25 °C	600 mPas
Density at 20 °C	ca. 1 g/ml
Type	non-ionic
Appearance	opaque
Active content	100 %
Flash point	> 100 °C
Appearance	liquid
Colour	yellowish

Application

BREAK-THRU® AF 5503 can be blended with BREAK-THRU® S 200 to obtain a stable mixture which can be used as low foaming tank mix adjuvant.

For ease of application, a 1 : 1 dilution by addition into water is stable for several hours prior to use.

The primary application of BREAK-THRU® AF 5503 is as a post defoamer additive, but it is also suitable for water based formulations, in particular for glyphosate. The general application rate is between 0.05 – 0.3 % w/w. Details are available upon request.

Listing status

BREAK-THRU® AF 5503 is listed in the following chemical inventories:

EINECS, TSCA, DSL, AICS, ECL, ENCS, IECSC (China), PICCS.

Per 40 CFR 180.910, BREAK-THRU® AF 5503 is exempt from the requirement of a tolerance when used in accordance with good agricultural practice as an inert ingredient in pesticide formulations applied to growing crops or to raw agricultural commodities after harvest.

Storage stability

BREAK-THRU® AF 5503 is stable in closed containers for two (2) years.

Packaging

4 x 200 kg drums (full 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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