

## Technical Information

## BREAK-THRU® SD 260

## Product description

BREAK-THRU® SD 260 is a biodegradable solid surfactant, water-soluble super-spreader. It contains a trisiloxane based on a carrier. It is designed for solid pesticide formulations (e. g. WP, WDG). BREAK-THRU® SD 260 may also be used as a tank mix adjuvant.

## Microbial compatibility

BREAK-THRU® SD 260 is biocompatible with microbial control agents like *Trichoderma spp.*, *Beauveria bassiana*, *Bacillus spp.*

## Benefits

- Easy to incorporate into solid pesticide formulations and microbial WP and WDG formulations.
- Easy handling and dosage.
- Water-soluble.
- Reduces the surface tension of water and exhibits super-spreading properties on plant foliage and other plant tissue.
- Improves the uptake of agricultural chemicals through cuticular penetration and in some cases stomatal flooding.

## Dose rate

250 – 350 g/ha to improve wetting, spreading, uptake and the biological efficacy of pesticide formulations.

## Storage stability

BREAK-THRU® SD 260 is stable in closed containers for 2 years. Avoid temperatures > 50 °C.

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## Physical properties

Bulk density	approx. 600 g/l
Type	100 % non-ionic
Melting point	approx. 55 – 63 °C
Appearance	white powder
0.1 % in water	clear dilution
1.0 % in water	hazy dilution
Surface tension at 0.1 % in water	22 mN/m

## Listing status

BREAK-THRU® SD 260 is listed in the following chemical inventories:

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

Per 40 CFR 180.910 BREAK-THRU® SD 260 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.

## Packaging

21 x 25 kg boxes (525 kg 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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