

Technical Information

BREAK-THRU® VIBRANT

Product description

BREAK-THRU® VIBRANT is a non-ionic organic surfactant.

Physical properties

Viscosity at 25 °C	~ 35 mPas
Density at 20 °C	~ 0.96 g/ml
Active matter	100 % undiluted
Flash point	> 100 °C
Appearance	clear to slightly yellow liquid

Solubility

Water	dispersible until 1 %
NMP	soluble
Propylene glycol	soluble
Solvesso 150	soluble
Rapeseed methylester	soluble
Paraffinic oil	dispersible

Application

BREAK-THRU® VIBRANT imparts a very low dynamic surface tension and improves the adhesion of pesticidal sprays.

Surface tensions (mN/m) at 0.1 %

	Dynamic*	Static
Vibrant	31	28
Super spreader	51	22

*measured at 30 ms

In field trials, BREAK-THRU® VIBRANT has proven safe for use on crops, and tests suggest good activity on pesticides used in grass crops such as cereals and rice.

We recommend a dose rate of 200 – 400 ml/ha.

BREAK-THRU® VIBRANT has not proven phytotoxic in field trials, has a very low foaming potential and does not stabilize foams. Testing has also shown that the product reduces the amount of driftable spray particles when used with flat fan nozzles.

Listing status

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

EINECS, TSCA (restricted), DSL, ENCS, ECL, IECSC (China).

Storage stability

BREAK-THRU® VIBRANT is stable in closed containers for a minimum of three years.

Packaging

4 x 200 kg drums (full pallet)
1 000 kg containers upon request

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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