

## Product Information

## BREAK-THRU® VIBRANT

## PRODUCT DESCRIPTION

BREAK-THRU® VIBRANT is a non-foaming adjuvant. It is a non-ionic organic surfactant with excellent retention properties. As tank-mix adjuvant, BREAK-THRU® VIBRANT is used as a deposition aid.

## Typical Properties

Property	Unit	Value
Appearance		clear to slightly yellow liquid
Density at 20°C	g/cm <sup>3</sup>	0.96
Flash Point, min.	°C	100
Solubility in NMP at 10%		soluble
Solubility in Paraffinic Oils		soluble
Solubility in Rapeseed Methyl ester at 10%		soluble
Solubility in Solvesso™ 150		soluble
Solubility in Water		dispersible, until 1%
Viscosity at 25°C	mPa·s	35

The data represents typical values (no product specification)

## TYPICAL APPLICATIONS

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

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 150-300 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.

## Product Composition

Product Composition	Unit	Value
Active Content	wt%	100

The data represents typical values (no product specification)

## BENEFITS &amp; ADVANTAGES

- Non-silicone wetting agent
- Specifically suited for grasses (low dynamic surface tension)

## PACKAGING

4 x 200 kg drums (full pallet)

1 000 kg containers upon request

## SHELF LIFE

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

## HAZARDOUS SUBSTANCE

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.

## REGISTRATION LISTING SUMMARY

The relevant components of BREAK-THRU® VIBRANT are listed/registered or exempt in the following chemical inventories:

#### Registration Listings

Registry	Status
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Canada (DSL)	Yes
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China (IECSC)	Yes
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European Union (EINECS/ELINCS)	Yes
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Japan (ENCSC)	Yes
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#### Registration Listings

Registry	Status
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Korea (KECL)	Yes
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United States of America (TSCA)	Yes
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#### Disclaimer

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