

Technical Information

BREAK-THRU® DA 655

Product description

BREAK-THRU® DA 655 is a polyetherphosphate with pigment affinic groups.

BREAK-THRU® DA 655 is free of any solvents and does not contain nonylphenoethoxylates.

Physical properties

Appearance	brownish, clear to slightly turbid
Form (25 °C)	viscous liquid
Active content	100 %
Viscosity	6.000 – 10.000 mPas
pH	1.5 – 2.5
Density	1.1 g/cm ³

Solubility in solvents at 10 % w/w

Water	soluble
Methyl cocoate	soluble
Solvesso 150	soluble
Rapeseed oil	soluble

* but depending on other co-surfactants this can be overcome

Application

BREAK-THRU® DA 655 can be used as a dispersing agent in oil dispersions (OD). It can show additional properties as wetting agent.

Dosage/Handling

For an 40 g/l OD formulation based on a sulfonylurea.

A 40 g/l OD formulation showed best physical behaviour when in the case of a mineral oil 5 wt% of BREAK-THRU® DA 655 were used and in the case of rapeseed oil 10 wt%. BREAK-THRU® DA 655 should be always added prior to grinding.

For the respective suitable emulsifiers or adjuvants such as BREAK-THRU® OE 440 or BREAK-THRU® OE 444 used in order to enhance biological efficacy please get into contact with our technical support group.

Listing status

The components of BREAK-THRU® DA 655 are listed in the following chemical inventories:

EINECS, TSCA, DSL

The ingredients of BREAK-THRU® DA 655 are not exempt from the requirement of a tolerance as specified in FIFRA 40 CFR, § 180.1001 (c).

Storage stability

In closed original containers BREAK-THRU® DA 655 can be stored at temperatures below 40 °C for at least twelve (12) months.

Packaging

4 x 200 l plastic drum (full pallet)
25 kg plastic canister

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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