

## Technical Information

## BREAK-THRU® DA 647

## Product description

BREAK-THRU® DA 647 is a polymeric, non-ionic dispersing agent and emulsifier.

## Physical properties

Form (25 °C)	paste-like
Melting Point	≈ 35 °C
Active content	100 %
Color	yellow-brown

## Application

BREAK-THRU® DA 647 is an effective dispersant for suspension concentrates (SC), oil dispersions (OD), suspo emulsions (SE), wettable powders (WP) and water dispersible granules (WDG).

BREAK-THRU® DA 647 also functions as a co-emulsifier for oils and aromatic solvents in pesticide formulations.

## Microbial compatibility

BREAK-THRU® DA 647 is biocompatible with microbial control agents like *Trichoderma spp.*, *Beauveria bassiana*, *Bacillus spp.*

## Solubility

Water	soluble
Cyclohexanone	soluble
EXXSOL™ D 110	soluble
SOLVESSO™ 150	soluble
SOLVESSO™ 200	soluble
VESTANOL IL	soluble

## Dosage/Handling

BREAK-THRU® DA 647 may be incorporated as a dispersing additive from 5–15 % (w/w) of the dispersed solid actives.

Additionally, BREAK-THRU® DA 647 functions as an emulsifier for aromatic, de-aromatized fluids and paraffinic oils.

It may be necessary to heat this material to facilitate ease of handling.

## Registration status

BREAK-THRU® DA 647 is listed in the following chemical inventories:

EINECS, TSCA, ECL, PICCS, and CHINA

Per 40 CFR 180.960, BREAK-THRU® DA 647 polymer is exempt from a tolerance.

## Storage stability

In original closed containers BREAK-THRU® DA 647 can be stored for at least 3 years.

## 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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