

Product Information

BREAK-THRU® DA 647

PRODUCT DESCRIPTION

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

Typical Properties

Property	Unit	Value
Appearance		paste-like
Color		yellow-brown
Melting Point	°C	35
Solubility in Cyclohexanone		soluble
Solubility in Exxol™ D 110 at 10%		soluble
Solubility in Solvesso™ 150 at 10%		soluble
Solubility in Solvesso™ 200		soluble
Solubility in Water at 10%		dispersible

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

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.

Product Composition

Product Composition	Unit	Value
Active Content	wt%	100

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

Reduces crystallitation (Ostwald ripening) of partially soluble chemical actives.

DOSAGE

BREAK-THRU® DA 647 may be incorporated as a dispersing additive from 2-5% (w/w) of the dispersed solid actives.

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

HANDLING & PROCESSING

5-10% of water or propylene glycol may be added for ease of handling. Another option would be to heat this material to facilitate ease of handling.

SHELF LIFE

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

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

The relevant components of BREAK-THRU® DA 647 are listed/registered or exempt in the following chemical inventories:

Registration Listings

Registry	Status
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China (IECSC)	Yes
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European Union (EINECS/ELINCS)	Yes
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Korea (KECL)	Yes
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Registration Listings

Registry	Status
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Philippines (PICCS)	Yes
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United States of America (TSCA)	Yes
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Disclaimer

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