

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), wetttable 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.

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 at temperatures 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.

This information and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall Evonik assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. EVONIK EXPRESSLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, NON-INFRINGEMENT, MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE (EVEN IF EVONIK IS AWARE OF SUCH PURPOSE) WITH RESPECT TO ANY INFORMATION AND RECOMMENDATIONS PROVIDED. Reference to any trade names used by other companies is neither a recommendation nor an endorsement of the corresponding product, and does not imply that similar products could not be used. Evonik reserves the right to make any changes to the information and/or recommendations at any time, without prior or subsequent notice.

Evonik Nutrition & Care GmbH
 Goldschmidtstraße 100
 45127 Essen, Germany
 Phone Europe +49 201 173 2665
 Phone Asia +86 21 61191 125
 Phone Americas +1 804 727 0700
interface-performance@evonik.com
www.evonik.com/interface-performance