

Product Specification

BREAK-THRU® EM O 7

Product description

Oleic acid polyglycol ester.

Physical properties

Appearance (20 °C)	yellow, clear liquid
pH value (10 % in water)	6.0 – 8.0
Colour (Gardner)	< 6.0
Density @ 20 °C	0.98 – 1.01 g/ml
HLB value	10.4

Application

BREAK-THRU® EM O 7 is a non-ionic, oil-soluble emulsifier for mineral oils, vegetable oils, methyl or ethyl esters of fatty acids, and solvents. It is clear to slightly hazy in mineral oils, methyl or ethyl esters of fatty acids, and fatty oils.

BREAK-THRU® EM O 7 is specifically designed for use as an oil in water emulsifier for pesticides. A recommended dose rate is about 1 – 10 wt. % for mineral oils, and 5 – 10 wt% for vegetable and methylated vegetable oils.

Properties & Benefits

BREAK-THRU® EM O 7 is an environmentally acceptable emulsifier for mineral and paraffinic oils with reduced foam and can be used as an alternative to Nonyl-phenol Ethoxylate surfactants (NPEs) in a variety of applications.

BREAK-THRU® EM O 7 conforms to use as a pesticide inert ingredient pre- and post-harvest under FIFRA 40 CFR 180.910.

Registration Status

BREAK-THRU® EM O 7 is listed in the following chemical inventories:

EINECS, TSCA, DSL, AICS, ENCS, PICCS, ECL and China

Storage Stability

BREAK-THRU® EM O 7 as delivered can be stored in closed drums and containers for 12 months.

Prolonged storage at elevated temperatures (approx. 40 °C) should be avoided.

Packaging

200 kg drums and 1 t IBCs

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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