

Technical Data**EMPICOL[®] OP 301****Opacifier****Description**

EMPICOL[®] OP 301 is an aqueous solution of styrene/acrylate copolymer

Sales specification (parameters quoted on certificate of analysis)

Appearance at 25°C	White opaque liquid
pH (as is)	2.0 - 3.0
Solid content	39.0 - 41.0 %

Test methods are available from Huntsman upon request

Additional Information**Applications**

This product can be used to impart a milky or translucent appearance to liquid detergents and cosmetics at typical addition levels of 0.1 - 1.0%.

The very low level of residual monomer ensures that this product does not interfere with any of the perfumes used. To ensure maximum compatibility it should be pre-diluted with water, at least 1:4, and added slowly with stirring as the last addition.

EMPICOL[®] OP 301 contains nonionic (alcohol ethoxylate) and anionic (sodium alkyl sulfate) surfactants that comply with the biodegradability criteria of the EC directive on Detergents 648 / 2004 / EC.

Handling and storage

See also the corresponding Safety Data Sheet for further information on health and safety.

This product is not freeze/thaw stable and should be stored in unopened containers at temperatures between 5 and 35°C. Providing these guidelines are observed it should remain stable for at least 12 months.

Preservation

This product is relatively resistant to microbial contamination and does not contain a separate preservative.

When it is diluted or incorporated into a formulation we recommend the addition of a preservative approved by the appropriate legislation.

Regulatory Information

CAS Number 9010 - 92 - 8
EC Number polymer
INCI Name Styrene / Acrylates Copolymer

This product is wholly derived from raw materials of vegetable, mineral and / or synthetic origin and materials of animal origin are not intentionally employed on the units where it is manufactured or processed. Therefore we have no reason to expect the possibility of contamination by agents that might cause BSE / TSE.

Raw materials derived from genetically modified organisms are not intentionally used during the manufacture or processing of this product.

EMPICOL[®] OP 301

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