

TECHNICAL DATA SHEET

FANCOL® POLYISO® 450-CG

Non-animal origin skincare and haircare additive for cosmetics and toiletries

GENERAL INFORMATION

FANCOL® POLYISO® 450-CG is a long chain aliphatic hydrocarbon. It is stable in a very wide pH range (pH 4-9).

FANCOL® POLYISO® 450-CG acts as a waterproofing agent. It enhances shine when used in decorative cosmetic formulations.

FANCOL® POLYISO® 450-CG can be used as a substitute for Mineral Oil and provides lubricity.

FANCOL® POLYISO® 450-CG can be formulated with the other FANCOL POLYISO CG products to supply an average molecular weight between 200 and 1400.

INCI NAME

Hydrogenated Polyisobutene

CHEMICAL & PHYSICAL PROPERTIES

Form	Clear colourless liquid
Refractive Index	1.43 – 1.45
Specific Gravity	0.73 – 0.83

These are typical properties not to be used for specification purposes.

APPLICATIONS

- Decorative cosmetics
- Lipsticks
- Hair relaxers
- Hairstyling aids
- Creams & lotions
- Sunscreen preparations
- Shave preparations
- Antiperspirants
- Setting gels and sprays

KEY PROPERTIES

- Enhances shine
- Acts as a waterproofing agent
- Substitute for mineral oil
- Imparts lubricity

INCORPORATION

FANCOL® POLYISO® 450-CG can be added at any convenient suitable stage during the manufacturing process.

LEVEL OF USE

The level of use of the FANCOL® POLYISO® 450-CG will depend on the formulation. Typical addition levels are 1-100%.

HEALTH & SAFETY

Before using this product, please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

STORAGE RECOMMENDATIONS

Keep container sealed and store at room temperature.

SHELF LIFE

FANCOL® POLYISO® 450-CG has a shelf life of 3 (three) years from date of manufacture.

QUALITY ASSURANCE

Quality and continuous improvement are paramount to our business. Facility manufacturing FANCOL® POLYISO® 450-CG has established strong quality management system and holds ISO 9001 certification.

NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchasers will be subject to a separate agreement which will not incorporate this document.

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