

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.

FANCOL POLYISO 450-CG 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
- Hair Styling 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.

LEVELS OF USE

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

HEALTH AND 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

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

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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