

LAN-AQUA-SOL 75:50

Skincare And Haircare Additive For Cosmetics and Toiletries

GENERAL INFORMATION

LAN-AQUA-SOL 75:50 is the polyethylene glycol derivative of Lanolin.

LAN-AQUA-SOL 75:50 is a non-ionic polyoxyalkaline Lanolin ether-ester derived by attaching hydrophilic groups to anhydrous Lanolin, thereby imparting water solubility.

LAN-AQUA-SOL 75:50 is in a 50% active form. It is a water soluble Lanolin and acts as a non-ionic surfactant.

INCI NAME

PEG-75 Lanolin

CHEMICAL & PHYSICAL PROPERTIES

Appearance	Clear Amber Liquid
Color (Gardner)	10 max.
Saponification Value	9 max
Acid Value (mg KOH/g)	3 max.
pH 5% in H ₂ O	4.5-7.0
Odor	Faint, Characteristic

These are typical properties not to be used for specification purposes

APPLICATIONS

- OW Emulsions
- Acid and Alkaline Lotions and Creams
- Makeup Lotions and Creams
- Waterless Hand Cleaners
- Dishwashing Liquid Detergents
- Soaps
- Lotions and Creams
- Shaving Cream
- Pre-Electric and After-Shave Lotions
- Anti-Perspirant Lotions and Creams
- Cologne and Skin Freshener
- Hair Preparations, Conditioners, Shampoos and Relaxers
- Hydrogen Peroxide Lotions and Creams

KEY PROPERTIES

- Provides O/W emulsification
- Aids solubilization of water-insoluble Lanolin derivatives, perfume, vegetable oil and mineral oil to form clear aqueous and hydroalcoholic systems
- Acts as a wetting and dispersing agent for solids
- Gives foam detergency
- Boosts and stabilizes foam
- Imparts emolliency, conditioning and superfatting properties in aqueous and solid detergent systems with no adverse effect on flash foam
- Modifies viscosity and consistency for anionic, non-ionic and cationic lotions and creams and gel shampoos

INCORPORATION

LAN-AQUA-SOL 75:50 can be added at any convenient suitable stage during the manufacturing cycle with mixing.

Solubility	@ 25°C
Isopropyl Myristate	Insoluble
Castor Oil	Insoluble
Mineral Oil	Insoluble
Glycerine	Slightly Soluble
Ethyl Alcohol	Soluble (Clear Solution)
Ethyl Acetate	Slightly Soluble
Water	Soluble (Clear Solution)

LEVELS OF USE

The level of use of the **LAN-AQUA-SOL 75:50** will depend on the formulation. Typical addition levels are 0.5-10%.

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.

LAN-AQUA-SOL 75:50

STORAGE RECOMMENDATIONS

Keep container sealed and store at room temperature.

SHELF LIFE

LAN-AQUA-SOL 75:50 has a shelf life of 2 (two) 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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