

Lipo[®] IDD 99A & Lipo[®] IHD 101A

Oil-Free Emollients



PRODUCT: Lipo[®] IDD 99A

EINECS #: 297-629-8

INCI NAME: Isododecane

CAS #: 93685-81-5 alternate: 13475-82-6

PRODUCT: Lipo[®] IHD 101A

EINECS #: 297-628-2

INCI NAME: Isohexadecane

CAS #: 93685-80-4 alternate: 4390-04-9

Lipo IDD 99A and **Lipo IHD 101A** are emollient based high purity hydrocarbons. **Lipo IDD 99A** and **Lipo IHD 101A** are manufactured through a rigorous refining and purification process. They are highly oil soluble, have minimal or no odor, and are extremely stable to oxidation. **Lipo IDD 99A** and **Lipo IHD 101A** have a silky smooth texture and distinctive spread ability characteristics. These ingredients are unique, highly branched aliphatic hydrocarbons.

Lipo IDD 99A and **Lipo IHD 101A** improve the slip of the final product without leaving a tacky residue on the skin. In emulsions, they provide a sensory cascade affect when combined with other emollients and silicones.

Like all emollients used in cosmetics, hydrocarbons improve spreadability and provide a unique sensory feel in skin care formulations. When used in hair care formulations, **Lipo IDD 99A** and **Lipo IHD 101A** can provide a light texture to the hair. **Lipo IDD 99A** and **Lipo IHD 101A** function as great diluents for make-up remover systems due to their solvency.

Lipo IDD 99A is a silicone free emollient that provides a non-oily light feel. It is volatile and works well in a myriad of personal care products. Its volatility aids in long-wear characteristics in color cosmetics while providing a light and smooth skin feel upon application.

Lipo IHD 101A can be used in combination with **Lipo IDD 99A** to help decrease the volatility of **Lipo IDD 99A**. It is highly non-polar and hydrophobic, therefore enhancing waterproofing properties within various formulation types. **Lipo IHD 101A** can dissolve sebum helping to decrease oils on the surface of the skin or hair.

KEY BENEFITS

- Excellent Cyclomethicone Replacement
- Can be used in Oil-free Systems
- Replacement for Mineral Oil for "Oil Free" Claims
- Reduction of Oily/Shiny Appearance on Skin
- Non-irritating & Non-comedogenic
- Non-reactive/ Highly inert
- Highly Stable
- Clear/Colorless/Odorless

IDEAL FOR USE

- Skin & Hair Care
- Sun Care
- Color Cosmetics
- Eye Make-up Removers
- Facial Cleansers
- AP/Deodorant



EMOLLIENTS

LIPO[®] IDD 99A & LIPO[®] IHD 101A

Oil-Free Emollients



TYPICAL PROPERTIES OF LIPO[®] IDD 99A

Appearance @25° C:	Clear colorless liquid
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Odor:	Odorless
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Solubility:	Oil
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Recommended Use Level:	1– 20%
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Purity Chain Length:	C12, 98% min by weight
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Viscosity (cps):	1 (20°C)
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Density (g/ml):	0.747
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RI:	1.421
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v.p. (mmHg):	0.75 (20°C)
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TYPICAL PROPERTIES OF LIPO[®] IHD 101A

Appearance @25° C:	Clear colorless liquid
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Odor:	Very mild
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Solubility:	Oil
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Recommended Use Level:	1– 20%
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Purity Chain Length:	C16, 99% min by weight
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Viscosity (cps):	4 (25°C)
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Density (g/ml):	0.790
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RI:	1.440
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