

Solubilisant LRI

High performing solubilizer for alcohol free fragrances



INCI NAME

PPG 26 Buteth-26 (and) PEG 40 hydrogenated castor oil (and) Water

DEFINITION

Unique surfactant complex designed to solubilize perfume concentrates, essential oils, vitamins and other oily ingredients. It can be used as a substitute for alcohol in many cosmetic and perfumery products.

COSMETIC BENEFITS

- Low residue left on the skin after drying due to low level of use: Minimized stickiness
- Mild surfactant – can be used for hypoallergenic formulations
- Weak odor: does not distort the odor of perfumes

TECHNICAL BENEFITS

- Unmatched solubilizing performances
- For reduced alcohol content (for family, sensitive skins or child) or alcohol free cosmetics
- Non ionic solubilizer
- Low foaming
- Low percentage required for stable microemulsion
- Excellent stability: Perfect HLB for microemulsions

APPLICATIONS

There are 3 main applications

1. SOLUBILIZER

Alcohol free fragrances based on Solubilisant LRI are **less foamy** than other from the market due to Solubilisant LRI low quantity of use and its low foam formation. Solubilisant LRI **low smell** will limit odor distortion versus alcohol based formulations for high quality fragrances. Due to its **high performances at low content**, Solubilisant LRI **limits residues** of non volatile substances on the skin for a **more pleasant** skin feel. it is ideal for alcohol free or low level alcohol fragrances

TW 762B Alcohol free fragrance



With its high performances, Solubilisant LRI is also a solution to introduce high amount of fragrances in a water based gel keeping a good transparency and a low stickiness

TW 1836 Gelified « eau de toilette »

COMPATIBILITY

Substances	Compatibility
Salt	Compatible
Preservatives	Compatible

FORMULATION ADVICES

How to use Solubilisant LRI :

- Heat and homogeneize Solubilisant LRI at 50°C
- Mix Solubilisant LRI with the non water miscible ingredient to solubilize

Add water under stirring slowly at the beginning (when the temperature is lower than 30°C, the dilution can reach a thick gel area that may be longer to dilute) and then faster

SAFETY

SKIN AND EYE IRRITATION TESTS (available upon request)

No test done after 2000.

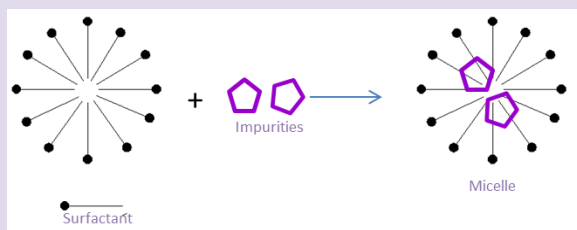
This product is suitable for baby products and for use in the eye area. It can be qualified as hypoallergenic.

BIODEGRADABILITY

Biodegradability by test method OECD 301 E Mean reduction 36,6 % by day 36

2. CLEANSER

Solubilisant LRI is an excellent cleansing agent and it is used for micellar solution for sensitive skin. Contrary to other solubiliser Solubilisant LRI don't dry the skin.



A micellar water is a solution with a concentration of surfactant higher than the CMC

TW872C Aquacleanser

TW1672 Pore cleanser gel

3. EMULSIFIER

With its high HLB, Solubilisant LRI is also a good emulsifier and co-emulsifier.

TW1514 Matifying gel

TW1728A Silicone like eye shadow



For more details about the products or technical support, please contact our sales department :
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