

REWODERM® S 1333 KM 5

Very mild sulfosuccinate for personal care products

Intended use

Surfactant

Benefits at a glance

- good mucous membrane compatibility
- reduces the skin irritating properties of other anionic surfactants
- low irritation on skin
- low viscosity – easy handling
- vegetable based

INCI (PCPC name)

Disodium Ricinoleamido MEA-Sulfosuccinate

Chemical and physical properties (not part of specifications)

Appearance	clear to slightly cloudy liquid
Preservative	Decylene Glycol, Methylisothiazolinone

Properties

REWODERM® S 1333 KM 5 is based on ricinoleic fatty acid and has particularly mild dermatological properties. The skin compatibility for sensitive skin is very good. REWODERM® S 1333 KM 5 can be used in combination with other anionic, non-ionic and amphoteric surfactants.

REWODERM® S 1333 KM 5 is not only exceptionally mild, but will also distinctly reduce the skin irritating

properties of other anionic surfactants such as sodium laurylsulfate or ethersulfate.

When substituting 5 to 8% of the active matter with REWODERM® S 1333 KM 5 a reduced irritation of the final products is observed.

Application

REWODERM® S 1333 KM 5 can be used in:

- Shampoos for frequent use
- Mild shampoo for kids
- Intimate washing lotion
- Make-up removers
- Skin cleansers for sensitive skin/liquid soap
- Shower shampoos with soft skin feeling

Suggested usage concentration

3 – 20% REWODERM® S 1333 KM 5

Storage

Storage of REWODERM® S 1333 KM 5 for long periods at low temperatures may lead to some cloudiness of the product. This does not indicate deterioration in quality. A clear solution can be obtained by indirect heating and homogenisation.

Packaging

800 kg pallet (4 x 200 kg)

Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in accidents and fires
- toxicity and ecological effects

is given in our material safety data sheet.

Guideline formulations

Intimate washing lotion	
REWODERM® S 1333 KM 5	10.0%
REWOTERIC® AM 2 C NM (Disodium Cocoamphodiacetate)	8.0%
Water, preservative	up to 100.0%

Preparation:

Mix the components in the given order and homogenize by stirring. Adjust the pH value to 7.0 with citric acid. Add the required amount of preservative with agitation.

Mild Shampoo, for children

Sodium Laureth Sulfate, 28%	30.0%
REWOTERIC® AM C (Sodium Cocoamphoacetate)	10.0%
REWODERM® S 1333 KM 5	5.0%
REWODERM® LI S 80 (PEG-200 Hydrogenated Glyceryl Palmitate; PEG-7 Glyceryl Cocoate)	approx. 2.5%
Water, preservative	up to 100.0%

Preparation:

Mix the components in the given order by stirring at approximately 30 °C. Adjust the pH value at room temperature with citric acid and the desired viscosity with sodium chloride. Add the required amount of preservative with agitation.

Shampoo, for frequent use	
Sodium Laureth Sulfate, 28%	30.0%
REWOTERIC® AM 2 C NM (Disodium Cocoamphodiacetate)	10.0%
REWODERM® S 1333 KM 5	6.0%
REWODERM® LI S 80 (PEG-200 Hydrogenated Glyceryl Palmitate; PEG-7 Glyceryl Cocoate)	approx. 3.0%
Water, preservative	up to 100.0%

Preparation:

Mix the components in the given order by stirring at approximately 35 °C. Adjust the pH value at room temperature with citric acid and the desired viscosity with sodium chloride. Add the required amount of preservative with agitation.

Shower Shampoo, with soft skin feeling	
Sodium Laureth Sulfate, 28%	30.0%
REWOTERIC® AM C (Sodium Cocoamphoacetate)	10.0%
REWODERM® S 1333 Km 5	5.0%
REWODERM® LI S 80 (PEG-200 Hydrogenated Glyceryl Palmitate; PEG-7 Glyceryl Cocoate)	approx. 2.5%
VARISOFT® PATC (Palmitamidopropyltrimonium Chloride)	2.5%
Water, preservative	approx. 50.0%

Preparation:

Homogenise all components in the given order by stirring at approximately 30 °C. Adjust the pH value at room temperature with citric acid. Add the required amount of preservative with agitation.

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