

# Product Information

## Product Data Sheet

# LACTOMIDE

## Description

LACTOMIDE is an aqueous liposomal dispersion for cosmetic application containing a naturally derived ceramide and milk lipids rich in phosphatidylethanolamine and phosphatidylcholine. LACTOMIDE is preserved with 0.2% chlorhexidine digluconate.

## Product identification

Product code: 50 3370 5

(previous Pentapharm code: 309-01)

## Composition

INCI name	Content	CAS No.	EINECS/ELINCS
Ceramide 3	0.1 - 1%	100403-19-8	309-560-3
Milk Lipids	1 - 5%	72968-43-5	277-140-6
Glycerin	25 - 50%	56-81-5	200-289-5
Aqua	> 50%	7732-18-5	231-791-2
Tocopheryl Acetate	< 0.1%	7695-91-2	231-710-0
BHT	< 0.1%	128-37-0	204-881-4
Chlorohexidine Digluconate	0.1 - 1%	18472-51-0	242-354-0

## Specifications

Appearance:	yellowish, opalescent to slightly turbid liquid
pH:	6.5 - 7.5
Relative density d <sub>20/20</sub> :	1.080 - 1.120
Identity by HPTLC:	characteristic chromatogram
Total aerobic mesophile plate count:	< 100 CFU / ml
Specified microorganisms:	not detectable in one milliliter

## Solubility

LACTOMIDE is soluble in water.

## Stability and storage

LACTOMIDE may be stored for at least 24 months from the date of manufacture in the unopened original container protected from light in a clean and cool place at a temperature between 2 and 8°C. Please shake the product well before use. The 'Best use before' date is printed on the label. Keep package tightly closed. Once opened, use contents quickly. In order to avoid secondary microbial contamination, following opening, containers should be handled with special care.

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## Uses

LACTOMIDE is a cosmetic ingredient for skin care products. LACTOMIDE should be processed cold or below 60°C and incorporated into the aqueous or oily phase of a cosmetic formulation. LACTOMIDE is not compatible with ethanol. For skin care preparations, the addition of 2 to 5% LACTOMIDE is recommended.

## Safety

This product is safe for the intended use. Avoid ingestion or direct contact by applying suitable protective measures and personal hygiene.

For full safety information and necessary precautions, please refer to the respective DSM Material Safety Data Sheet.

## Legal notice

The information given in this publication is based on our current knowledge and experience, and may be used at your discretion and risk. It does not relieve you from carrying out your own precautions and tests. We do not assume any liability in connection with your product or its use. You must comply with all applicable laws and regulations, and observe all third party rights.

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