



# MILK-O<sup>®</sup>-CID L-400

## Product Data Sheet

Date of issue: 26 September 2022

### Natamycin suspension for the dairy industry

**Description:** MILK-O<sup>®</sup>-CID L-400 is a stable suspension of Natamycin containing not less than 4% natamycin, which is equivalent to 40.000 ppm. Natamycin is a natural occurring antimycotic produced by a classical strain of *Streptomyces natalensis*. MILK-O<sup>®</sup>-CID L-400 has an antimycotic activity towards a wide range of common moulds and yeasts in the food industry, and is also particularly effective against mould spores. MILK-O<sup>®</sup>-CID L-400 is used as preservative in cheese coating, to help and extend the shelf life of the treated product. The product has been formulated as an easy-to-use liquid stock suspension of natamycin. The formulation enables an easy dilution on the cheese surface.

**Properties:**

Ingredient: Natamycin	E-no.: E235
Purity: 4%	Form: liquid
	Colour: milky white

Colour and appearance may vary from batch to batch. Colour intensity is not an indication of activity.

**Application:** MILK-O<sup>®</sup>-CID L-400 is mainly used in cheese coating to prevent mould growth. To be used in the cheese coating at a final concentration of 150 to 300 ppm of natamycin in the coating or at an alternative concentration depending on the cheese and storage conditions.

**Activity:** MILK-O<sup>®</sup>-CID L-400 is not less than 4% natamycin standardised with water.

**GM Status:** The product and its constituents are not genetically modified. Active ingredients are produced by fermentation of classical microorganisms, which are removed and not present in the final product. Only agricultural raw materials of non-genetically modified (non-GM) origin are used for the fermentation process and in the final formulation.

**Composition:** MILK-O<sup>®</sup>-CID L-400 is preserved with 0.25% potassium sorbate and 10% KCl.

**Packaging and storage:** The product is packed in 25 kg HDPE drums. When stored in the original the sealed drum below 20 °C, the product is stable during 12 months.

**Safety and caution:** Please refer to the Safety Data Sheet for further information.



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**Compliance and legal:** The product is manufactured to comply with recommended purity specifications given by the Joint FAO/WHO Expert Committee on Food Additives (JECFA), and conforms with the recommended specifications of the Food Chemical Codex for food enzymes.

The use and labelling of MILK-O®-CID L-400 are only foreseen in accordance with the EU guidelines 96/77/EC and 95/2/EC for the food additive Natamycin (E235) or in accordance with 21 CFR § 172.155 (USA)

<b>Purity criteria:</b>	Total plate count	≤1000 CFU per g	
	Spore formers	≤ 10 CFU per g	
	Coliforms	absent in 1 g	
	Enterobacteriaceae	absent in 1 g	
	Salmonella	absent in 25 g	
	<i>Listeria monocytogenes</i>	absent in 25 g	
	<b>Heavy Metals (as Pb)</b>		< 10 ppm
	Lead	< 5 ppm	
	Arsenic	< 3 ppm	
	Cadmium	< 0.5 ppm	
Mercury	< 0.5 ppm		
<b>Special diet information:</b>	Kosher:	certified	
	Halal:	certified	
	Vegan/Vegetarian:	the product or any constituents are not of animal origin	

**Certification:** WeissBioTech GmbH has a certified quality management system according to ISO 9001:2015 and a certified Food Safety Management System according to FSSC 22000 incl. HACCP, which are reviewed in regular audits.

Made by WeissBioTech GmbH, Germany

To the best of our knowledge, the information contained herein is accurate and complete. However, nothing herein contained shall be construed to imply any warranty or guarantee.

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