

QUALITY PROTECTS.



QUALITY WORKS.

LANXESS
Energizing Chemistry

NEW LABELING THRESHOLDS FOR MIT STARTING MAY 1, 2020

The European Commission published new labeling limits for MIT (methylisothiazolinone) in October 2018. After an implementation period, during which labeling has to be adapted to the new threshold, on May 1, 2020, the new labeling will become mandatory.

The threshold for H317 labeling has been reduced from 1000 ppm to 15 ppm, which is below an effective dosage. That means products preserved with BIT/MIT are expected to be restricted to professional users after active substance approval of MIT under Biocidal Products Regulation (BPR).

NO H317 LABEL OUR MIT-FREE PORTFOLIO

Beyond standard preservatives for in-can applications like combinations of Bronopol and CMIT/MIT or BIT, LANXESS has extended its portfolio by several novel MIT-free products, including formulations with its unique active ingredient DBDCB.

Our MIT-free portfolio does not require a hazard symbol within the recommended dosage.

Publication of 13th ATP*



New labeling limits mandatory



BPR MIT Approval



Implementation period**

* ATP – Adaptation to technical progress

** Within the whole implementation period it is allowed to produce, store, ship and sell any material according to old law

ALTERNATIVE MIT-FREE BIOCIDES FOR DETERGENTS

Product	Active ingredient(s)	Dosage	VOC	H317 label	Ecolabel
Biochek® 410	BIT + DBDCB dispersion	0.05 - 0.15 %	no	≥ 0.8 %	≤ 0.052%
Biochek® 722	BNPD + DBDCB dispersion	0.05 - 0.15 %	no	≥ 8.3 %	-
N-2000 Antimicrobial	DGH solution	0.01 - 0.10 %	yes	-	≤ 0.027 %
Preventol® OBT	OPP + BIT solution	0.15 - 0.40 %	yes	≥ 0.5 %	≤ 0.045%*

*no ecolabel for hard surface cleaning products

Neutral to alkaline laundry detergents

Preventol® OBT is a combination of a highly efficient non-sensitizing fungicide with the commonly used bactericide BIT. It shows a better fungicidal performance than BIT alone and is effective against aerobic and anaerobic bacteria with excellent pH stability.

All-purpose cleaners

Biochek® 410 comes with a broad and balanced spectrum of antimicrobial activity. It is a reliable and long-lasting preservative with pH stability ≤ 9.5

Dishwashing liquids

Biochek® 722 is completely free from isothiazolinones. It shows a long-term efficacy and a broad spectrum of activity. It does not contain organic solvents and shows an alkaline stability ≤ pH 8.5

Fabric conditioners

N-2000 Antimicrobial is suitable for cationic systems. With good compatibility and effectiveness at low concentrations, this product does not only show a broad spectrum efficacy, but also a long-term effectiveness. More than that, it has no H317 limitation due to the fact that it is not a sensitizer. The product is pH stable ≤ 12.

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Use biocides safely. Always read the label and product information before use.