NEW CLASSIFICATION AND LABELING FOR IN-CAN PRESERVATIVES ZPT, OIT AND MBIT STARTING MARCH 1, 2022

Zinc Pyrithione (ZPT), Octylisothiazolinone (OIT) and Methylbenzisothiazolinone (MBIT) will receive a new classification and labeling with the implementation of the 15th adaptation to technical progress (ATP).

This will impact the use of PT 6 biocidal products used in the industries and have consequences for the final products, also referred to as treated articles.

The 15th ATP was published on August 11, 2020. After the 18 months implementation period, the new labeling has to be adapted. The changes will become effective on March 1, 2022, without any exception for treated articles and formulations.

Table 1: Most important changes for active ingredients in PT 6

A.I.	Changes in C+L	Consequences
ZPT	Repro. 1b ≥ 0.3%, Aquatic Acute 1 M = 1000	▪ Has to be mentioned in MSDS of end product ≥ 1 ppm ▪ Handling of CMR substance ▪ Exclusion from e. g. Ecolabel ▪ Possible restrictions for DIY use
OIT	H317 labeling ≥ 0.0015%	▪ H317 labeling on the end product within dosage recommendation
MBIT	H317 labeling ≥ 0.0015%	▪ H317 labeling on the end product within dosage recommendation ▪ Even MBIT quantities resulting from DTMBA use (in raw materials) have to be taken into account

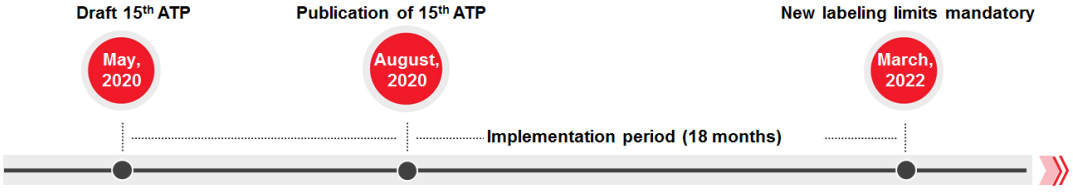

Image 1: Timeline for 15th ATP

ZINC PYRITHIONE IS IMPACTED IN A 2-FOLD MANNER

Firstly, the classification as reprotoxic 1b will compromise at least consumer uses and will make handling of the products more difficult.

In addition, the M-factor of 1000 will require that ZPT will have to be listed as dangerous material in the end product's MSDS. Thus, from a concentration of 1 ppm onwards already, the MSDS will clearly mention the reprotoxicity 1b classification.

LANXESS OFFERS ALTERNATIVES FOR YOUR REQUIREMENTS

Products containing the affected active ingredients need to be substituted if consequences shall be avoided. LANXESS supports you to find alternatives.

We have developed a portfolio with products that are not triggering H317 label and that deliver the efficacy you are used to.

Preventol® DBC (DBDCB +BIT + CMIT/MIT)	Ecolabel possible at low dosages	■ **Free of CMR substances** ■ **No H317 label for end product** ■ **Allows high BIT carry over from raw materials**
Preventol® BIT IT (BIT + CMIT/MIT)	Ecolabel possible	■ **Free of CMR substances** ■ **No H317 label for end product** ■ **Excellent efficacy at low use concentration**
Preventol® DB 25 (BIT + DBDCB)	Broad spectrum protection	■ **Free of CMR substances** ■ **No H317 label for end product** ■ **Especially suitable for adhesives**
Preventol® DP 18 (DBDCB + BNPD)	Completely free of Isothiazolinones	■ **Free of CMR substances** ■ **No H317 label for end product**
Preventol® P 91/ P 301 (BNPD+CMIT/MIT)	Rapid on-set of action	■ **Free of CMR substances** ■ **No H317 label for end product**

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

Edition: 01/2021