

## Information on Use of Mineral Oils in Packaging and Printing

The French law LOI n° 2020-105 AGECE stipulates that mineral oils may no longer be used in France on packaging and other printed matter. This regulation came into force on 01.01.2023. The applicable limits for printing inks are described in TRIS Notification 2022/4/F.

The substances affected by the ban on the use of mineral oils are :

1. aromatic mineral oil hydrocarbons (MOAH) with 1 to 7 aromatic rings ;
2. saturated petroleum hydrocarbons (MOSH) with 16 to 35 carbon atoms.

Until 31 December 2024, the ban on the use of mineral oil applies if the mass concentration of the aromatic mineral oil hydrocarbons (MOAH) in the ink is more than 1%.

From 1 January 2025, the ban on the use of mineral oils shall apply :

- for aromatic mineral oil hydrocarbons (MOAH), if the mass concentration of these substances in the ink is more than 0.1% or if the mass concentration of compounds with 3 to 7 aromatic rings in the ink is more than one part per million (ppm) ;
- for saturated petroleum hydrocarbons (MOSH), if the mass concentration of these substances in the ink is more than 0,1 %.

According to our evaluations and confirmations of our suppliers packaging's and inks are well within the limits mentioned.

The above is based on our current best knowledge and on information provided by our suppliers. In the event of any change in our knowledge, we shall notify you as soon as possible.

Dornbirn; 01.08.2023

DocuSigned by:  
  
Tridonic GmbH & Co KG  
Markus Hollenstein  
Director Global Quality

Tridonic GmbH & Co KG  
Markus Hollenstein

Färbergasse 15  
6851 Dornbirn  
Austria

Tel. +43 5572 395-0  
markus.hollenstein@tridonic.com  
www.tridonic.com

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GmbH & Co KG  
Sitz der Gesellschaft:  
Dornbirn - Austria

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