



PACKINOV

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Machines De Conditionnement

574 Rue du Chat Botte

BEYNOST, 01700 (France)

Mineral oils - Statement regarding the presence of MOSH and MOAH

Regulation of MOSH and MOAH¹

- Europe: Mineral oils are not specifically regulated on a European level. Some MOSH are cleared for food contact applications and listed in Annex I of Reg. (EU) No. 10/2011. This is the case for white mineral oil (Ref. 95883) and certain waxes (Ref. 95858 and 95859).
- Germany: Several drafts of the so-called "Mineral Oil Ordinance" have been published, the last one in August 2020 (German Draft 22nd Ordinance amending the Consumer Goods Ordinance). This Ordinance intends to regulate only recycled paper and board for direct food contact, and is not applicable for other food contact materials. Mineral oils may be present in recycled paper and board as a contamination, due to the fact that mineral-oil based inks which are used for printing newspapers are not sufficiently removed during the recycling process. In the draft aromatic hydrocarbons are defined as having carbon numbers in the range C16 to C35. Two different limits apply: in food simulants the detection limit for MOAH is 0.15 mg/kg, while in the food itself the detection limit is 0.5 mg/kg. There is no limit for MOSH in the current draft.

Sources of MOSH and MOAH in the delivered material

For the production of our delivered packaging materials

printed die-cut lids Ø95,5mm PET 50my art. 01AG9550T1AD3, 01AG9550T1RO4
unprinted die-cut lids Ø82,5mm PET 50my art. 210825PR1A001

we can state the following regarding the presence of mineral oils in the used raw materials:
pre-material constitutionally does not contain Mineral oils;
the inks that are used are low migration inks and specifically designed for the intended use of printing packaging material. They are not mineral oil based.
The used inks comply with the requirements of the Arrêté du 13 avril 2022 on mineral oils in inks.

The above information is based on a theoretical evaluation of the recipe and the confirmations from our raw material suppliers.

Since we do not expect mineral oils to be present, we do not analyze for these substances in the delivered products.

Best regards.

¹ MOSH: Mineral Oil Saturated Hydrocarbons; MOAH: Mineral Oil Aromatic Hydrocarbons

10th of January 2022

Quality Manager