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Issue 19

2023 Summary and 2024 Outlook

As we bid farewell to the complexities of 2023, marked by global turbulence and economic challenges, we eagerly welcome the opportunities of the New Year.

Reflecting on the past year, economic recovery became a key focus globally. Due to pandemic impacts and geopolitical tensions, economic deglobalization is noticeable, leaving many businesses in precarious situations.

In the face of a globally turbulent economy, Trust Chem's strategy in 2023 was one of steady progress. Despite global economic challenges and pandemic aftermaths, Trust Chem maintained stability in sales growth.

Significant milestones have shaped Trust Chem's journey. The commencement of the R&D center project located in Hangzhou at the end of 2023 injected new vigor into the company's R&D core competitiveness. The successful trial production at the Liaoning factory marks Trust Chem's formal entry into the ranks of large-scale enterprises operating throughout the entire lifecycle. Meanwhile, construction at the Trust Chem (Liaoning) VioletSource Co., Ltd. manufacturing base is steadily advancing, with completion and production expected in 2024.

Looking ahead to 2024, the global economy remains unpredictable. Our focus remains on achieving progress while maintaining stability, refining our strategic approach, and bolstering our core strengths. We're committed to investing in basic research to maintain technological supremacy and adaptability to changing market landscapes.

Trust Chem stands at a fresh starting line, facing expanded markets and loftier ambitions. Our team remains united, determined to push the company forward. Together, let's craft a splendid future for Trust Chem, building upon its progress.

Thank you for your trust and collaboration. Here's to a colorful and successful 2024!



Introduction of German Ink Ordinance (GIO)



In December 2021, Germany's Federal Ministry of Food and Agriculture (BMEL) published the 21st Ordinance amending the Consumer Goods Ordinance to regulate printing inks and varnishes in food contact materials (FCM) and articles (generally known as the German Ink Ordinance(GIO)). It will be applicable and mandatory after a transition period of four years from January 1st, 2026.

The GIO regulates printed food contact materials and the inks used through positive lists of permitted evaluated substances and migration limits. The positive lists cover the following:

- A. Annex 14 Table 1 includes substances fully evaluated by the German Federal Institute for Risk Assessment, the BfR, (incl. some pigments).
- B. Annex 14 Table 2 includes pigments. The listed substances can be used for transient food contact during an extended transition period (01/01/2027).
- C. A "Union List" (Plastics Regulation (EU) No 10/2011 Annex 1). Only if there are no restrictions in column 9 and 10.

Substances listed in Table 1 of Annex 14 and in the Union list can be used to formulate inks for direct and transient food contact.

Similar to the Plastics Regulation (EU) No 10/2011, specific migration limits per substance must not be exceeded. These limits are provided in Annex 14, column 6 or 7. If no amount is specified, the Overall Migration Limit (OML) of 60 mg/kg food applies.

Additionally, there are restrictions for the migration of metals and primary aromatic amines. The migration into food of the non-listed substance must not be detectable (0.01 mg/kg food), and the non-listed substances cannot be classified as CMR (carcinogenic, mutagenic or toxic to reproduction, Cat 1 and 2) and not be nanomaterials.

GIO will also be an important reference for the risk assessment of FCM substances. It could have an impact as great as Swiss Ordinance 817.023.21. These two regulations will be updated and take effect in succession and will have a great influence on the FCM ink industry in the European Union and even globally.

Swiss Ordinance 817.023.21 has recently been updated:

<https://www.fedlex.admin.ch/eli/oc/2023/836/fr>



Exhibition Preview

Trust Chem will be exhibiting at following trade shows and warmly invites you to join us at the following exhibitions in order to explore cutting-edge technologies, innovative products, and potential business opportunities together.

American Coatings Show (ACS) 2024

- 🕒 **Date:** April 30 - May 2, 2024
- 📍 **Venue:** Indiana Convention Center, Indianapolis, USA
- 🏠 **Our Booth:** 2966



Chinaplas 2024

- 🕒 **Date:** April 23-26, 2024
- 📍 **Venue:** National Exhibition and Convention Center (Shanghai), China
- 🏠 **Our Booth:** Hall 8.2, A48

China Interdye 2024

- 🕒 **Date:** April 17-19, 2024
- 📍 **Venue:** Shanghai World Expo Exhibition & Convention Center, China
- 🏠 **Our Booth:** Hall H1, A908



Middle East Coatings Show (MECS) 2024

- 🕒 **Date:** April 16-18, 2024
- 📍 **Venue:** Dubai World Trade Centre, UAE
- 🏠 **Our Booth:** Z5 A80

These exhibitions are prime opportunities to gain industry insights, showcase and discover technological advancements, and expand partnership networks. We look forward to meeting you there to discuss future collaborations.



See our website for more information

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