化学品安全管理

100%符合法律法规及客户要求

2025 年，鹏鼎 100%的产品均符合欧盟 RoHS、IEC 62474、欧盟 REACH、POPs、美国加州第 65 号提案及其他适用法律法规与客户要求。公司针对产品及材料中可能含有的法律法规管制物质进行调查、识别及申报，以加强有害物质管理、保障消费者权益，并履行对人体健康及环境保护的责任。2025 年，鹏鼎产品中含有需依据 EU POPs 应申报物质的营收占比为 0%。

化学品风险评估

鹏鼎对所有产品组合进行有害物质暴露及风险评估，以评估相关物质对人体健康及环境可能造成的影响。针对使用的化学品，依据供应商提供的化学品安全数据表（Safety Data Sheet, SDS）进行危害识别、暴露评估及风险评估，并将相关结果纳入内部管理流程，确保化学品在实际作业条件下的安全使用及风险可控。

公司首先依据化学品的理化性质、稳定性及反应性进行危害识别，识别可能产生的物理性或化学性风险。根据 SDS 所载的毒理学及生态学资料，分析化学品的危害特性，包括急性毒性、皮肤刺激性、吸入危害、生态毒性及潜在生物累积性等，并据此进行分类。

在暴露评估方面，公司考量化学品在实际操作条件下可能产生的接触途径，评估其对作业人员及环境的潜在风险，并与法规规定的职业暴露限值进行比对分析。

最后，公司综合上述评估结果进行风险特性描述，判定化学品在预期使用情境下的风险是否处于可接受范围，并据此制定或强化相关控制措施，包括预防性操作规范、急救指引、消防处置及泄漏应变计划，以降低化学品可能对人体健康及环境造成的影响。

化学品淘汰与替代

公司持续追踪国际环保趋势、适用法律法规及客户标准的更新，并持续完善化学品及环境管理机制。2024 年，公司依据《蒙特利尔议定书》及《消耗臭氧层物质管理条例》，制定并执行臭氧层消耗物质（Ozone-Depleting Substances, ODS）淘汰计划。

公司已于 2025 年底前停止采购含 ODS 的制冷剂，并计划于 2026 年底前停用蓄冰机设备，于 2027 年底前完成相关制冷剂替代及设备更换。同时，公司持续推动含氟温室气体减量，以落实臭氧层保护及气候行动承诺。

公司亦积极参与产业协会或标准组织，通过产业交流及信息分享，寻求有害物质替代方案；并投入相关研发资源，推动替代技术及材料创新。公司将于可持续发展报告书中持续披露化学品淘汰与替代计划的执行进度、阶段性目标及实际成果。

Chemical Safety Management

100% Compliance with Laws, Regulations, and Customer Requirements

In 2025, 100% of Avary Holding's products complied with the EU RoHS Directive, IEC 62474, EU REACH, the EU POPs Regulation, California Proposition 65, and other applicable laws, regulations, and customer requirements. The Company investigates, identifies, and declares regulated substances that may be present in its products and materials to strengthen hazardous substance management, protect consumer rights, and fulfill its responsibilities for human health and environmental protection. In 2025, revenue associated with products containing substances subject to reporting under the EU POPs Regulation accounted for 0% of the Company's total revenue.

Chemical Hazard and Risk Assessment

Avary Holding conducts hazardous substance exposure and risk assessments across its entire product portfolio to evaluate the potential impacts of relevant substances on human health and the environment. For chemicals used in its operations, the Company conducts hazard identification, exposure assessment, and risk assessment based on the Safety Data Sheets (SDSs) provided by suppliers. The assessment results are incorporated into the Company's internal management processes to ensure the safe use of chemicals under actual operating conditions and the effective control of associated risks.

The Company first identifies potential physical and chemical hazards based on the physicochemical properties, stability, and reactivity of each chemical. It then analyzes the hazard characteristics of the chemicals based on the toxicological and ecological information provided in the SDSs, including acute toxicity, skin irritation, inhalation hazards, ecotoxicity, and potential bioaccumulation, and classifies the chemicals accordingly.

For exposure assessments, the Company considers potential routes of exposure under actual operating conditions, evaluates the potential risks to employees and the environment, and compares the results with the occupational exposure limits prescribed by applicable regulations.

Finally, the Company conducts risk characterization based on the assessment results to determine whether the risks associated with chemicals under their intended use conditions are within an acceptable range. It then develops or strengthens relevant control measures, including preventive operating procedures, first-aid guidance, fire emergency procedures, and spill response plans, to reduce the potential impacts of chemicals on human health and the environment.

Phase-out and Substitution of Chemicals

The Company continuously monitors international environmental trends and updates to applicable laws, regulations, and customer standards, and continues to improve its chemical and environmental management mechanisms. In 2024, in accordance with the Montreal Protocol and the Regulations on the Management of Ozone-Depleting Substances, the Company developed and implemented a phase-out plan for ozone-depleting substances (ODS).

The Company ceased purchasing ODS-containing refrigerants by the end of 2025 and plans to discontinue the use of ice-storage systems by the end of 2026 and complete the substitution of relevant refrigerants and replacement of related equipment by the end of 2027. At the same time, the Company continues to reduce fluorinated greenhouse gas emissions to fulfill its commitments to ozone layer protection and climate action.

The Company also actively participates in industry associations and standards organizations to seek alternatives to hazardous substances through industry exchanges and information sharing. In addition, it invests relevant R&D resources to promote the development of alternative technologies and innovative materials. The Company will continue to disclose the implementation progress, interim targets, and results of its chemical phase-out and substitution plan in its Sustainability Report.