



C.P. GROUP



CP for good deeds



CP
FOR
SUSTAINABILITY

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C.P. GROUP'S EXPOSURE TO HAZARDOUS SUBSTANCES

For Sustainability Report 2025

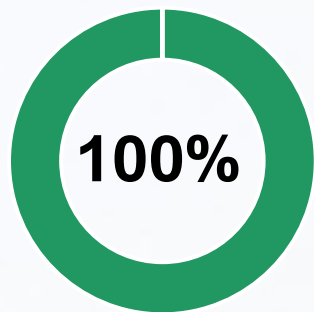
Presentation by
Charoen Pokphand Group

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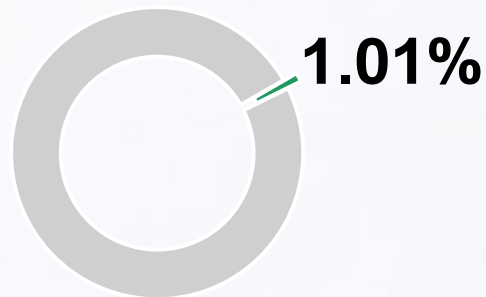
FOR A BETTER TOMORROW



Risk Assessment Framework of Hazardous Chemicals and Substances in Products and Services



Percentage of revenue from products that have undergone risk assessment for potential impacts on human health and the environment.



Percentage of revenue associated with products containing substances classified as persistent organic pollutants (POPs) and/or hazardous by a regulatory authority.

Products Free from Hazardous Chemicals and Substances

Most C.P. Group's operations sit within the food and retail sectors, where products inherently **do not contain** hazardous chemical substances in their formulations. For this primary portfolio, our risk assessment focuses on ensuring food safety, preventing chemical contamination, and managing food-contact packaging risks.



FRAMEWORK & STANDARDS

Evaluated under globally recognized Food Safety Management Systems, such as



GAP



HACCP



ISO 22000



BRC Global Standards

Further details are available in the C.P. Group's Health and Well-being Management section.



ASSESSMENT METHOD

Continuous screening and laboratory testing are conducted on raw materials and packaging to verify the absence of heavy metals or chemical hazards, ensuring complete safety before reaching consumers.

Products Containing Hazardous Chemicals and Substances

A minor segment of our business involving regulated hazardous chemical and substances—specifically within fertilizers and crop protection products (representing **1.01%** of total revenue)

C.P. Group applies a rigorous, scientifically driven risk assessment using the ICCA Framework.



FRAMEWORK & STANDARDS

Aligned with leading international and national benchmarks, including

- EU REACH Regulation (Annex XVII)
- RoHS Directive
- Notification of the Ministry of Industry, the Thailand Hazardous Substances Act B.E. 2535 (1992)
- Thailand List of Hazardous Substances (No. 7) B.E. 2565 (2022)



ASSESSMENT METHOD

Continuous screening and laboratory testing are conducted on raw materials and packaging to verify the absence of heavy metals or chemical hazards, ensuring complete safety before reaching consumers.

Risk Assessment in Action for Products Containing Hazardous Chemicals and Substances



ICCA Guidance on Chemical Risk Assessment

STEP 1



STEP 1: Select Substances for Risk Assessment

Identify and select hazardous chemicals and substances subject to risk assessment based on framework and standards.

STEP 2



STEP 2: Gather Information

Collect all available information from internal and external sources on hazard and exposure.

STEP 3



STEP 3: Risk Assessment Criteria

Evaluate risks using 3 key dimensions:

Hazard Rating

Properties of the substances

Exposure Rating

Level of exposure during use

Consequence Rating

Potential impact on health and environment

STEP 4



STEP 4: Allocate Substances to Priorities

Classify substances into priority levels based on overall risk.

Priority 1

High Risk

Priority 2

Medium Risk

Priority 3

Low Risk

Priority 4

Very Low Risk

STEP 5



STEP 5: Risk Management Recommendations

Develop and implement appropriate risk management measures for each priority level and review continuously.

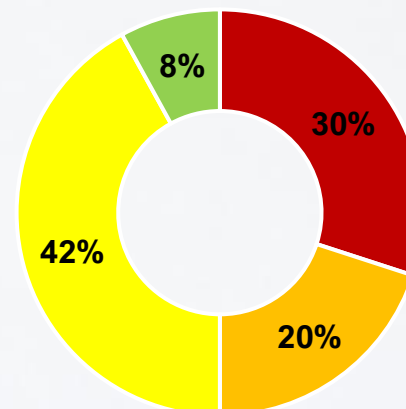


Turning Assessment into Action

Based on the assessment results, **30%** of the regulated hazardous chemicals and substances evaluated within this specific segment were identified at a high-risk level.

Consequently, the Company has implemented robust preventive and control measures, alongside safe hazardous chemical storage practices, to ensure that all potential impacts on human health and the environment are strictly managed and mitigated.

Hazardous Chemicals and Substances Classification by Risk Priority



● Priority 1: High Risk	30%
● Priority 2: Medium Risk	20%
● Priority 3: Low Risk	42%
● Priority 4: Very Low Risk	8%



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