In ranking chemical hazards for which MAFF should conduct food safety risk management, following criteria should be considered:

1. From the point of view of ensuring the safety of food (risk-based)

- **Toxicity of the chemical hazard of concern**
  
  High: Tolerable intake (such as TDI/TWI/TMI) or other relevant toxicological endpoint (hereafter abbreviated as tolerable intake) shows high toxicity and irreversible adverse health effect(s) has(have) been identified.
  
  Medium: Tolerable intake shows medium toxicity value and irreversible adverse health effect(s) has(have) been identified;
  
  Tolerable intake shows high toxicity but adverse health effects are reversible; or
  
  Insufficient information available at the time of ranking.
  
  Low: Tolerable intake shows low toxicity; or
  
  Tolerable intake shows medium toxicity but adverse health effects are reversible.

- **Occurrence of the chemical hazard of concern in foods including agricultural, livestock and marine products**
  
  High: Found in multiple groups of food at high concentrations
  
  Found in many groups of food at medium concentrations
  
  Medium: Found in multiple groups of food at medium concentrations
  
  Found only in one group of food at high concentrations
  
  Found in many groups of food at low concentrations
  
  Insufficient information at the time of ranking
  
  Low: Found in a small number of groups of food at low concentrations
  
  Found only in one group of food at medium concentrations

- **Estimated dietary exposure to the chemical hazard of concern**
  
  Exposure assessment conducted in Japan or estimation of exposure from the information on occurrence and toxicity
  
  High: High dietary exposure (e.g., ≥10% of tolerable intake)
  
  Medium: Medium dietary exposure (e.g., ≥1% and <10% of tolerable intake); or
  
  Insufficient data at the time of ranking
  
  Low: Low dietary exposure (e.g., <1% of tolerable intake)

2. Concerns of stakeholders about the chemical hazard of concern

- **Concerns expressed by stakeholders (including the general public) during risk communication**
  
  High: Very concerned
Medium: Concerned
Low: Little concerned
- : Not known by stakeholders

3. International activities of food safety risk management on the chemical hazard of concern

- State of implementation of the following activities by the relevant international organizations or other countries:
  
  • Development of a code of practice or maximum levels by the Codex Committee on Contaminants in Foods;
  • Risk assessment by the Joint FAO/WHO Expert Committee on Food Additives (JECFA) and/or other international expert consultations; and
  • Risk management in other countries.

  H: Codex or other international organization has made a certain risk management/assessment decision or currently is considering certain action
  M: Some countries or region has made a certain risk management/assessment decision
  L: No action by Codex, other international organizations or countries.