

# Chemical Hazards Outbreak Toolbox

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## Key reference documents

- Ten chemicals of major public health concern (Geneva: World Health Organization; 2010).
- Health impacts of chemicals (Geneva: World Health Organization).
- Substandard and falsified (SF) medical products (Geneva: World Health Organization).
- Poisons prevention and management (Geneva: World Health Organization).



## Case definitions

### WHO suggested outbreak case definition

There are no generic outbreak case definitions for chemical hazards.

### WHO surveillance case definition

- There are currently no WHO surveillance case definitions for specific chemical hazards. Please refer to US Centers for Disease Control and Prevention (CDC) websites:
  - Case definitions for chemical poisoning (Atlanta: US Centers for Disease Control and Prevention; 2018).
  - Case definitions for chemical poisoning. Morbidity and Mortality Weekly Report (MMWR), 2005; 54:RR01;1-24.



## Data collection tools

- Pesticide exposure record (Geneva: World Health Organization; 2001).
- Line list: Not available.
- Electronic tools: Not available.



## Laboratory confirmation

- Analytical methods and achievability. Annex to: Guidelines for drinking-water quality, 4th edition (Geneva: World Health Organization; 2017).
- Basic analytical toxicology; qualitative methods for identifying chemicals (Geneva: World Health Organization; 1995).



## Response tools and resources

- WHO Manual for the public health management of chemical incidents (Geneva: World Health Organization; 2009).
- Human health risk assessment toolkit: chemical hazards. (Geneva: World Health Organization & International Programme on Chemical Safety; 2010).



## Other resources

- Publications: Public health impact of chemicals (Geneva: World Health Organization).
- IOMC Toolbox for decision-making in chemicals management: Chemical accident and chemicals and health schemes (Geneva: World Health Organization; 2019).
- Peer-reviewed information on chemicals: Internationally peer-reviewed chemical safety information (INCHEM) (Geneva: International Programme on Chemical Safety (IPCS), Canadian Centre for occupational health and Safety and World Health Organization).
- eChemPortal: Global portal to information on chemical substances (Paris: Organisation for Economic Co-operation and Development).