

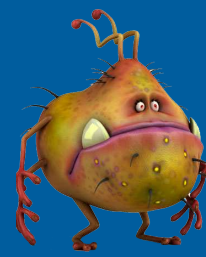
# ABOUT GHS

The goal of a Global Harmonization System is to ensure that employers, employees and the public are provided with reliable and comprehensible information on the hazards and consistent and simplified communications on practices to follow for safe handling and use of chemicals. This way, anyone can take effective preventive and protective measures for their health and safety.

A GHS provides benefits for everyone: governments, companies, workers, and the public.

## **The GHS will:**

- Enhance the protection of health and the environment by providing an internationally comprehensible system.
- Provide a framework for those countries without existing systems.
- Facilitate international trade in chemicals whose hazards have been identified on an international basis.
- Reduce the need for testing and evaluation against multiple classification systems.



# BENEFITS

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## GOVERNMENTS

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- Improved protection of workers and the public from chemical hazards
- Fewer chemical incidents.
- Lower health care costs.
- Reduction in the costs of enforcement.
- Improved reputation on chemical issues.

## COMPANIES

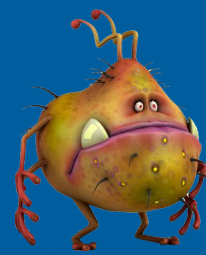
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- Safer work environment.
- Reduced costs due to fewer accidents and illnesses.
- Improved relations with employees.
- Increase in efficiency and reduced costs from compliance with hazard - communication regulations.
- Application of expert systems resulting in maximizing expert resources and minimizing labor and costs.
- Expanded use of training programs on health and safety.
- Improved corporate image and credibility.

## EMPLOYEES & THE PUBLIC

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- Improved safety.
- Greater awareness of hazards, resulting in safer use of chemicals in the workplace **and in the home.**



## NUMBERS

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**1,153**

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**AMONIA**

**763**

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**CHLORINE**

**BETWEEN 1999 &  
2008, AN  
ESTIMATED 57,975  
INCIDENTS  
INVOLVING  
CHEMICALS WERE  
REPORTED.**

**326**

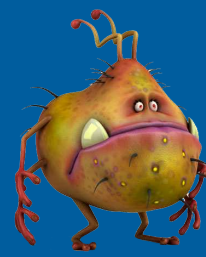
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**HYDROCHLORIC ACID**

**318**

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**SULFURIC ACID**



# CHEMICAL INCIDENTS IN 2015

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## IN EDUCATIONAL SERVICES

**241**  
CHEMICAL INCIDENTS  
WITH INJURIES

**1,562**  
INJURED

**144**  
CHEMICAL INCIDENTS  
WITH EVACUATIONS

**56,269**  
EVACUATED