



**Hazardous Substances Management Division  
Ministry of Environment, Forest & Climate Change  
New Delhi-110003**

# Acts

## **The Environment (Protection) Act, 1986:**

- **The Manufacture, Storage and Import of Hazardous Chemicals (MSIHC), Rules, 1989.**
- **The Chemical Accidents (Emergency Planning, Preparedness and Response) (CAEPPR) Rules, 1996.**

## **The Public Liability Insurance Act, 1991**

- **The Public Liability Insurance Rules, 1991**
- **Environment Relief Fund Scheme**

# Chemical Safety rules

- Manufacture Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989
- Chemical Accidents (Emergency Planning, Preparedness and Response) (CAEPPR) Rules, 1996

# Objectives of chemical safety rules

- ✓ prevent major accidents arising from industrial activities; and
- ✓ limit the effects of such accidents.

The Rules endeavor to achieve these objectives by having a quantity-based approach. The MSIHC rules require the occupier to disclose the necessary information to the public in the neighborhood that is likely to be affected by a major accident at the site.

# MSIHC Rules, 1989

## Objectives:

- Prevent Chemical Accidents from industrial activities.
- Mitigate impacts of chemical accidents.

## 684 hazardous chemicals covered based on

- Toxicity
- Flammability
- Explosives

# Salient Features of MSIHC Rules, 1989

- Mandatory prior notification of sites and approval of Chief Inspector of Factories (CIF) for industrial activity.
- Prior notice of import to Chief Controller Imports and Exports (now DGFT).
- Major Accident Hazard (MAH) Unit: handling 179 Chemicals in quantities above prescribed threshold amounts.
- Preparation of on-site plans by the occupier and Off-site emergency plans by the district authorities.
- Preparation of Safety Data Sheets (SDS) by Manufacturers.
- Disclosure of necessary information to public in neighborhood by occupier.
- Occupier to arrange third party safety audits; and
- Notify major chemical accidents to prescribed authorities.

# Chemical Accident (EPPR) Rules, 1996

- Complement MSIHC Rules.
- Provide statutory backup to crisis management set up.
- Four-tier crisis management system: Central, State, District and Local Crisis Groups.
- MAH installations to aid, assist and facilitate functioning of the Crisis Groups.

# Implementation of CAEPPR Rules, 1996

- Regularly updated contact details of Red book which facilitates the quick information exchange during chemical emergencies. Red book is available on Ministry's website:  
<http://www.moef.nic.in/sites/default/files/Final%20Red%20Book%20as%20on%2008.09.2017.pdf>
- Compile chemical accident data received from state authority.
- Developed web based Chemical Accident Information Reporting System.
- Developed GIS based Emergency Planning and Response System.



# For more information

Name of Rule	Website Link
MSIHC Rules, 1989 vide S.O. 966(E) dated 27 <sup>th</sup> November 1989	<a href="http://www.moef.nic.in/legis/hsm/hsm2.html">http://www.moef.nic.in/legis/hsm/hsm2.html</a>
Amendment in MSIHC Rules, 1989 vide S.O.57(E) dated 19 <sup>th</sup> January,2000	<a href="http://www.moef.nic.in/legis/hsm/so57_h1.pdf">http://www.moef.nic.in/legis/hsm/so57_h1.pdf</a> <a href="http://www.moef.nic.in/legis/hsm/so57_h2.pdf">http://www.moef.nic.in/legis/hsm/so57_h2.pdf</a>
CAEPPR Rules, 1996 vide G.S.R.347(E) dated 1 <sup>st</sup> August, 1996	<a href="http://www.moef.nic.in/legis/hsm/gsr347.pdf">http://www.moef.nic.in/legis/hsm/gsr347.pdf</a>
CAEPPR Rules, 2016 vide G.S.R 905(E) dated 27 <sup>th</sup> November, 2015	<a href="http://www.moef.gov.in/sites/default/files/chemical%20accidents%20amendment%20Rule%202015.PDF">http://www.moef.gov.in/sites/default/files/chemical%20accidents%20amendment%20Rule%202015.PDF</a>

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