

**Webinar Title: HAZARDOUS CHEMICALS RULES , 1989 AND LATEST AMENDMENTS,
MATERIAL SAFETY DATA SHEET (MSDS) AND ITS USAGE**

Registration Fee (including GST):- Rs 899/- (Rupees eight Hundred Ninety Nine Only) per participant inclusive of GST

**Expert Speaker (Name/ Designation) – MR. RAMNISH BEDI , DIRECTOR , KEY TO HSE
AND A NATIONAL LEVEL CONSULTANT CUM TRAINER**

Webinar Date: 20.06.2021 Duration: 11.00 am to 12.30 pm (one hour thirty minutes)

About Webinar:

Chemical safety is the practice of handling chemicals in a safe manner, minimizing the hazard to public and personal health. It is set of Standard Operation Procedures and protections put in place to ensure plant and factory worker protection from Chemical hazards that could cause injury.

Establishing and maintaining a sound chemical safety policy not only saves human lives and protects the environment but also avoids fines and penalties. The physical and biological effects of chemicals must be considered before implementing any chemical safety measures.

In the workplace there are two types of chemical hazards: health hazards and physicochemical hazards. Chemical hazards and toxic substances pose a wide range of health hazards (such as irritation, sensitization, and carcinogenicity) and physical hazards (such as flammability, corrosion, and explosibility).

A MATERIAL SAFETY DATA SHEET (MSDS):

A Material Safety Data Sheet (MSDS) is a document that contains information on the potential hazards (health, fire, reactivity and environmental) and how to work safely with the chemical product. It is an essential starting point for the development of a complete health and safety program.

The MSDS lists the hazardous ingredients of a product, its physical and chemical characteristics (e.g. flammability, explosive properties), its effect on human health, the chemicals with which it can adversely react, handling precautions, the types of measures that can be used to control exposure, emergency and first aid first aid procedures, and methods to contain a spill.

When new regulatory information, such as exposure limits, or new health effects information becomes available, the MSDS must be updated to reflect it. Employers and employees need the information contained on MSDSs to protect themselves from hazardous chemical exposures and to work safely with chemical products. The result will be a reduction in chemical source illness and injuries in the workplace. It should also be noted that MSDSs are only required for hazardous chemicals.

The MANUFACTURE, STORAGE AND IMPORT OF HAZARDOUS CHEMICAL (AMENDMENT) RULES, 1989:

The regulation was firstly enacted in 1989 by the Ministry of Environment & Forests (MoEF) and later amended in 1994 and 2000. It regulates the manufacture, storage and import of hazardous chemicals in India. The transport of hazardous chemicals must meet the provisions of the Motor Vehicles Act, 1988.

"Hazardous Chemicals " includes 3 schedules. Regulatory requirements are different for each schedule. For hazardous chemicals covered in schedule 1, site owners must meet the following obligations:

- identify hazards associated with industrial activity and take adequate steps for prevention and control
- provide relevant information to persons liable to be affected by a major accident
- notify the concerned authorities within 48 hours of the occurrence of a major accident
- provide [safety data sheets and label](#) every container of hazardous chemicals.

In addition, any person responsible for importing Schedule 1 hazardous chemicals in India shall provide [before 30 days or as reasonably possible but not later than] the date of import to the Chief Controller Imports & Exports with the information below:

- (i) the name and address of the person receiving the consignment in India;
- (ii) the port of entry in India;
- (iii) mode of transport from the exporting country to India;
- (iv) the quantity of chemical (s) being imported; and
- (v) complete product safety information

Schedule 2 and Schedule 3 Hazardous Chemicals:

Schedule 2 and schedule 3 are some hazardous chemicals with assigned threshold quantities. When a site handles a hazardous chemicals more than the thresholds, the site will be regarded as major accident hazards (MAH) installations and subject to reporting, safety audit and contingency plan requirements.

The webinar will focus on explaining the different provisions of the Manufacture, Storage and Import of Hazardous Chemical Rules, 1989 and latest amendments and discuss Material Safety Data Sheet (MSDS) and its usage for controlling hazardous chemicals .

Webinar Coverage: -

- **Understanding the chemical Hazards and their different types**
- **Safety measures while handling chemicals**
- **Control of Chemical Hazards.**
- **Material Safety Data Sheet (MSDS) and its importance.**
- **Key provisions of the Manufacture, Storage and Import of Hazardous Chemical Rules, 1989**
- **Personal Protective Equipment's (PPE) requirements.**
- **Chemical safety tips**
- **Control measures against chemical incidents/accidents**
- **Case study and examples**

Speaker Profile (Brief One Para & Photograph): - Mr. Ramnish Bedi is Director of KEY TO HSE consultancy and training company. He has worked as Corporate Head in reputed companies like Gates India, Schneider Electrical, RICO Auto, Delphi, Federal Mogul, Nestle & Owens Corning. He is having 25 years' of working experience in Manufacturing sector like Automobile, FMCG, engineering, Chemical & Electrical Industries. He is a certified Lead Auditor for ISO 14001: 2015 & ISO:45001: 2018 and ZED Consultant certified by QCI. He is a national level consultant com trainer in the field of quality, health, safety and environment.



Register to learn (Key Learning's' in bullet points):

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- **Safety measures while handling chemicals**
- **Control of Chemical Hazards.**
- **MSDS and its importance.**
- **Key provisions of the Manufacture, Storage and Import of Hazardous Chemical Rules, 1989**
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Thanks, and regards

S.P.Singh

Regional Director

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