

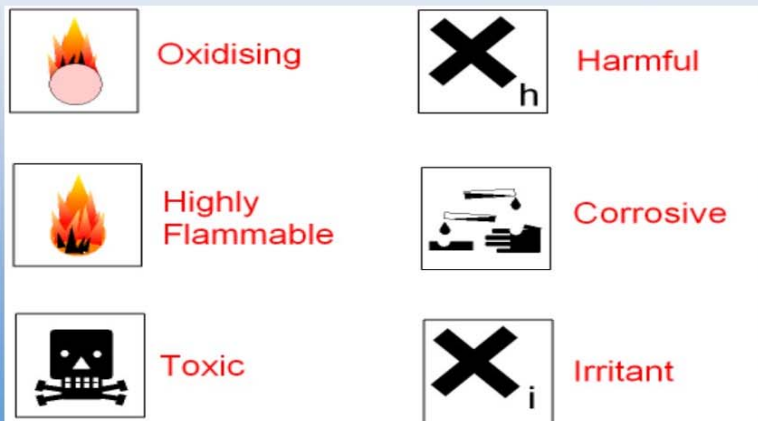
INTRODUCTION

A **highly hazardous chemical** is a substance classified by the American Occupational Safety and Health Administration objects that is both toxic and reactive and whose potential for human injury is high if released. Highly hazardous chemicals may cause, injury, cancer, birth defects, induce genetic damage, cause miscarriage, and death from relatively small exposures.

A **hazardous chemical** is defined by **OSHA (Occupation safety and health administration)** as any chemical that is a health hazard or a physical hazard.

OBJECTIVE

Protection Of Employees From Place Injury And Illness (OSHA).



METHODOLOGY

Study Design- Observational study

Study population- employees working in different department dealing with chemicals.

Study area- Max Hospital, Saket (East block and West block)

Research Approach- Qualitative and Quantitative both.

Data Collection-

Primary data- checklist

Secondary data- Research papers, Articles, Guidelines.

Data Analysis- Using Pie chart in Microsoft excel.

RECOMMENDATION

- ♦ The hospital should have a proper investigation team for the chemical related injury other than the needle stick injury and should follow and review them monthly so as to decrease the chemical related injury at the work area.
- ♦ Respirators should also be used in the laboratory, housekeeping wherever dealing with chemicals whether they are in need or not just to avoid any chemical related injuries due to inhalation.
- ♦ The department should follow a strict and proper medicine expiration as some medicines can turn into hazardous chemicals after their expiration

CONCLUSION

- ♦ Overall the hospital maintains a good safety regulations against chemical hazards, the reasons of NO in the result is just due to no applicability or no need of all those equipments or precautions in that particular department.
- ♦ In other department like OT, ICU, Cath lab there is no such dealing with the chemicals on a daily basis, the workers over there are much aware about the hazardous chemicals and how to use them (if required).
- ♦ All the hospitals employees are well trained before their beginning to the hospital about the chemicals hazard and its safety.
- ♦ All the OSHA guidelines are being followed properly

RESULT

Reason for NO is just that the following questions are not applicable in the particular department

