



## Introduction

Pharmaceutical manufacturing is a highly regulated industry that demands rigorous attention to the safety and well-being of its workers and consumers. Among the various risks associated with this field, the presence of cutaneous sensitizers has emerged as a critical concern. Cutaneous sensitizers are substances capable of eliciting allergic reactions when they come into contact with the skin. Identifying and classifying these sensitizers is an essential aspect of pharmaceutical production, as it helps mitigate potential health risks and ensures

such as strong, moderate, weak, and non-sensitizers, as per established criteria [6-9].

#### Data analysis

**Statistical analysis:** Descriptive and inferential statistics were employed to analyze the data, including the prevalence of sensitizers within different categories.

#### Reporting and compliance

**Declaration:**