

# Principles of Chemical Management in the Textile and Garment Industries in Bangladesh

Promotion of Sustainability in the Textile and Garment Industry in Asia - FABRIC

# Structure – Overall

Part 1	Part 2	Part 3
<ul style="list-style-type: none"><li>▪ Foreword</li><li>▪ Preface</li><li>▪ General provisions</li><li>▪ Objective</li><li>▪ Scope of the guideline</li><li>▪ Vision</li><li>▪ Mission/objective</li><li>▪ Definitions</li></ul>	<p><b>10 Technical Chapters Covering</b></p> <ul style="list-style-type: none"><li>▪ Good chemical management practices</li><li>▪ Using reliable information sources on chemical substances and mixtures</li><li>▪ Identifying and assessing chemical hazards and risks</li><li>▪ Selecting and purchasing chemicals with consideration of sustainability aspects</li><li>▪ Managing and controlling chemicals risks</li><li>▪ Ensuring safe storage and transport of chemicals</li><li>▪ Preparing and responding to chemical emergencies</li><li>▪ Managing chemical waste and residues</li><li>▪ Establishing chemical management system and organisational structure</li><li>▪ Other (e.g. chemical security)</li></ul>	<ul style="list-style-type: none"><li>▪ Annexes</li><li>▪ Glossary/Index</li></ul>

# Chemical security

## 10.1 Chemical security (Related to Explosive chemical purchase and misuse)

10.1.1 The factory shall take steps to prevent misuse of the chemicals used or present through preventive and precautionary measures. Apart from physical arrangements, the employer shall publish specific in-house rules regarding chemical security. These rules also should specify the consequences of any related misconduct.

10.1.2 Unauthorized removal of hazardous substances such as chemical substances of explosives nature or strong acids by factory's own personnel or any external persons shall be prevented by controlling access to the areas where these substances are stored or kept.

(i) Chemical security consideration shall be taken into consideration when arranging chemical storage set-up as well as formulating chemical storage and handling rules.

(ii) Toxic and acidic chemicals, possibly prone to misuse shall be kept in locked cabinets within a locked room (e.g., in laboratory) or in separate access-controlled rooms with locked cabinet or in access-controlled areas with a gated storage shed.

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10.1.3 Regular stock taking by comparing records of chemical quantities dispatched and consumed and stocks in hand shall be applied on a quarterly basis for such hazardous chemicals. In case of discrepancies, the employer shall initiate investigation.

10.1.4 The employer shall clearly communicate in-house rules regarding chemical security as part of the personnel induction and refresher training.

10.1.5. The factory shall review and, if necessary, revise the chemical security arrangements on a regular basis (e.g., at least once a year).

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