

RESPOND TO AND CLEAN UP A CHEMICAL SPILL

COURSE OUTLINE

1. Introduction

- 1.1. What are Dangerous Goods?
- 1.2a National road traffic act, 93 of 1996
- 1.2b Occupational health and safety act
- 1.3. How are Dangerous Goods identified?
- 1.4 How are dangerous goods classified?
- 1.5. Summary of the Nine Hazard Classes
- 1.6. The Nine United Nations Hazard Classes

2. Roles and Responsibilities

- 2.1. The Employer and the Hazardous Materials Safety Officer
- 2.2. The Employee
- 2.3. Supervisor
- 2.4. Hazmat Spill Team Captains

3. Spill Prevention

- 3.1. Spill Prevention Plan
- 3.2. Storage of Hazardous Substances
- 3.3. Transport of Hazardous Substances
- 3.4. Decanting
- 3.5. Handling and use of Hazardous Substances
- 3.6. Disposal of Hazardous Materials

4. Spill Response Preparation

- 4.1. Emergency Preparedness Elements
- 4.2. Hazard Information (Material Safety Data Sheet)
- 4.3. Equipment for Spill Response

5. Spill Response

- 5.1. Spill Response Guide No. 1: Flammable Liquids
- 5.2. Spill Response Guide No. 2: Combustible Liquids
- 5.3. Spill Response Guide No. 3: Acids
- 5.4. Spill Response Guide No. 4: Alkali and Bases
- 5.5. Spill Response Guide No. 5: Mercury
- 5.6. Spill Response Guide No. 6: Oxidizers
- 5.7. Spill Response Guide No. 7: Highly Toxic Materials
- 5.8. Spill Response Guide No. 8: Low Hazard Materials
- 5.9. Spill Response Guide No. 9: Air and Water Reactive Materials
- 5.10. Spill Response Guide No.10: Compressed Gas Leaks

6. Reporting Hazardous Materials Spill