

Contents

Preface	V
1. General provisions	1
1.1. Objective	1
1.2. Application	2
1.3. Definitions	3
2. General obligations, responsibilities and duties	5
2.1. Role and obligations of the competent authority	5
2.2. General responsibilities of employers	9
2.3. General duties of workers	11
2.4. General responsibilities of suppliers	12
2.5. Rights of workers	13
2.6. Confidential information	16
2.7. Cooperation	17
3. Classification systems	19
3.1. General	19
3.2. Criteria for classification	20
3.3. Method of classification	20
4. Labelling and marking	23
4.1. General	23
4.2. Nature and type of marking	23
4.3. Nature and type of labelling	24
4.4. Transfer of chemicals	27
5. Chemical safety data sheets	28
5.1. General	28

Safety in the use of chemicals at work

5.2. Provision of information	28
5.3. Content	29
6. Operational control measures	36
6.1. General principles	36
6.2. Procedures for assessment	37
6.3. Review of assessment	39
6.4. Elimination	40
6.5. Control measures for chemicals hazardous to health	40
6.6. Control measures for flammable, dangerously reactive or explosive chemicals	42
6.7. Control measures for the storage of hazardous chemicals ..	44
6.8. Control measures for the transport of chemicals	46
6.9. Control measures for the disposal and treatment of chemicals	47
6.10. Programme of action	49
7. Design and installation	51
7.1. General principles	51
7.2. Local exhaust ventilation	53
7.3. General ventilation	54
7.4. Elimination or control of sources of ignition	54
8. Work systems and practices	57
8.1. General principles	57
8.2. Review of work systems and practices	58
9. Personal protection	59
9.1. Personal protective equipment	59
9.2. Respiratory protective equipment	60
9.3. Protective clothing	60
9.4. Cleaning and maintenance of personal protective equipment and clothing	61
9.5. Welfare facilities and personal hygiene	62

Contents

10. Information and training	64
10.1. General principles	64
10.2. Review	64
11. Maintenance of engineering control measures	66
11.1. General principles	66
11.2. Local exhaust ventilation	66
12. Monitoring in the workplace	68
12.1. General principles	68
12.2. Measuring methods	69
12.3. Monitoring strategy	70
12.4. Record keeping	71
12.5. Interpretation and application of monitoring data	72
13. Medical and health surveillance	73
13.1. General principles	73
13.2. Use of results	75
13.3. Keeping of medical records	75
14. Emergency procedures and first aid	77
14.1. Emergency procedures	77
14.2. First aid	78
14.3. Fire fighting	80
15. Investigation and reporting of accidents, occupational diseases and other incidents	82
15.1. Investigation of accidents and other incidents	82
15.2. Reporting of accidents, occupational diseases and other incidents	82
Annex: A possible approach to the protection of confidential information	85
Index	89