

Directive 1999/45/EC of the European Parliament and of the Council  
of 31 May 1999 concerning the approximation of the laws, regulations  
and administrative provisions of the Member States relating to the  
classification, packaging and labelling of dangerous preparations (repealed)

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ANNEX I

METHODS FOR THE EVALUATION OF PHYSICO-CHEMICAL  
PROPERTIES OF PREPARATIONS IN ACCORDANCE WITH ARTICLE 5

PART A

Exemptions to test methods of Annex V — Part A to Directive 67/548/EEC

PART B

Alternative calculation methods

B.1. Non-gaseous preparations

## B.2. Gaseous preparations

### ANNEX II

#### METHODS FOR THE EVALUATION OF HEALTH HAZARDS OF PREPARATIONS IN ACCORDANCE WITH ARTICLE 6

##### Introduction

##### PART A

##### Procedure for evaluation of health hazards

1. The following preparations are to be classified as very toxic:...
  - 1.1. owing to their acute lethal effects and assigned the symbol...
    - 1.1.1. preparations containing one or more substances classified as very toxic...
    - 1.1.2. preparations containing more than one substance classified as very toxic...
  - 1.2. owing to their non-lethal irreversible effects after a single exposure...
2. The following preparations shall be classified as toxic:
  - 2.1. owing to their acute lethal effects and assigned the symbol...
    - 2.1.1. preparations containing one or more substances classified as very toxic...
    - 2.1.2. preparations containing more than one substance classified as very toxic...
  - 2.2. owing to their non-lethal irreversible effects after a single exposure...
  - 2.3. owing to their long-term effects and assigned the symbol 'T',...
3. The following preparations shall be classified as harmful:
  - 3.1. owing to their acute lethal effects and assigned the symbol...
    - 3.1.1. preparations containing one or more substances classified as very toxic,...
    - 3.1.2. preparations containing more than one substance classified as very toxic,...
  - 3.2. owing to their acute effects to the lungs if swallowed...
  - 3.3. owing to their non-lethal irreversible effects after a single exposure...
  - 3.4. owing to their long-term effects and assigned the symbol 'Xn',...
4. The following preparations are to be classified as corrosive
  - 4.1. and assigned the symbol 'C', the indication of danger 'corrosive'...
    - 4.1.1. preparations containing one or more substances classified as corrosive to...
    - 4.1.2. preparations containing more than one substance classified as corrosive to...
  - 4.2. and assigned the symbol 'C', the indication of danger 'corrosive'...
    - 4.2.1. preparations containing one or more substances classified as corrosive to...
    - 4.2.2. preparations containing more than one of the substances classified as...
5. The following preparations are to be classified as irritants:
  - 5.1. liable to cause serious eye damage and assigned the symbol...
    - 5.1.1. preparations containing one or more substances classified as irritant to...
    - 5.1.2. preparations containing more than one of the substances classified as...
  - 5.2. irritant to eyes and assigned the symbol 'Xi', the indication...
    - 5.2.1. preparations containing one or more substances classified as corrosive to...
    - 5.2.2. preparations containing more than one substance classified as irritant to...
  - 5.3. irritant to skin and assigned the symbol 'Xi', the indication...
    - 5.3.1. preparations containing one or more substances classified as irritant and...
    - 5.3.2. preparations containing more than one of the substances classified as...
  - 5.4. irritant to respiratory system and assigned the symbol 'Xi', the...

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- 5.4.1. preparations containing one or more substances classified as irritant and...
- 5.4.2. preparations containing more than one substance classified as irritant and...
- 5.4.3. gaseous preparations containing more than one of the substances classified...
- 6. The following preparations are to be classified as sensitising:
  - 6.1. by skin contact and assigned the symbol 'Xi', the indication...
  - 6.2. by inhalation and assigned the symbol 'Xn', the indication of...
- 7. The following preparations are to be classified as carcinogenic:
  - 7.1. those of category 1 or 2 which are assigned the...
  - 7.2. those of category 3 which are assigned the symbol 'Xn'...
- 8. The following preparations are to be classified as mutagenic:
  - 8.1. those of category 1 or 2 which are assigned the...
  - 8.2. those of category 3 which are assigned the symbol 'Xn'...
- 9. The following preparations are to be classified as toxic for...
  - 9.1. those of category 1 or 2 which are assigned the...
  - 9.2. those of category 3 which are assigned the symbol 'Xn'...
  - 9.3. those of category 1 or 2 which are assigned the...
  - 9.4. those of category 3 which are assigned the symbol 'Xn'...

## PART B

### Concentration limits to be used in evaluation of health hazards

- 1. Acute lethal effects
  - 1.1. Non-gaseous preparations
  - 1.2. Gaseous preparations
- 2. Non-lethal irreversible effects after a single exposure
  - 2.1. Non-gaseous preparations
  - 2.2. Gaseous preparations
- 3. Severe effects after repeated or prolonged exposure
  - 3.1. Non-gaseous preparations
  - 3.2. Gaseous preparations
- 4. Corrosive and irritant effects including serious damage to the eye...
  - 4.1. Non-gaseous preparations
  - 4.2. Gaseous preparations
- 5. Sensitising effects
  - 5.1. Non-gaseous preparations
  - 5.2. Gaseous preparations
- 6. Carcinogenic/mutagenic/toxic effects for reproduction
  - 6.1. Non-gaseous preparations
  - 6.2. Gaseous preparations

## ANNEX III

METHODS FOR THE EVALUATION OF THE ENVIRONMENTAL  
HAZARDS OF PREPARATIONS IN ACCORDANCE WITH ARTICLE 7

## Introduction

## PART A

## Procedure for the evaluation of environmental hazards

## (a) Aquatic environment

## I. Conventional method for the evaluation of hazards to the aquatic...

The following preparations are to be classified as dangerous for...

1. and assigned the symbol 'N', the indication of danger 'dangerous...

1.1. preparations containing one or more substances classified as dangerous to...

1.2. preparations containing more than one substance classified as dangerous for...

2. and assigned the symbol 'N', the indication of danger 'dangerous...

2.1. preparations containing one or more than one substance classified as...

2.2. preparations containing more than one of the substances classified as...

3. and assigned the risk phrases R52 and R53 (R52-53) unless...

3.1. preparations containing one or more than one substance classified as...

3.2. preparations containing more than one of the substances classified as...

4. and assigned the symbol 'N', the indication of danger 'dangerous...

4.1. preparations containing one or more than one substance classified as...

4.2. preparations containing more than one substance classified as dangerous for...

4.3. preparations containing one or more than one of the substances...

5. and assigned the risk phrase R52 unless the preparation is...

5.1. preparations containing one or more than one substance classified as...

5.2. preparations containing more than one substance classified as dangerous for...

6. and assigned the risk phrase R53 unless the preparation is...

6.1. preparations containing one or more than one substance classified as...

6.2. preparations containing more than one substance classified as dangerous for...

6.3. preparations containing one or more than one of the substances...

## (b) Non-aquatic environment

## (1) OZONE LAYER

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I. Conventional method for the evaluation of preparations dangerous for the...

The following preparations are to be classified as dangerous for the...

1. and assigned the symbol 'N', the indication of danger 'dangerous...'
  - 1.1. preparations containing one or more substances classified as dangerous to...
2. ....
  - 2.1. preparations containing one or more substances classified as dangerous to...

(2) TERRESTRIAL ENVIRONMENT

I. Evaluation of preparations dangerous for the terrestrial environment

PART B

Concentration limits to be used for the evaluation of environmental hazards

I. For the aquatic environment

II. For the non-aquatic environment

PART C

Test methods for the evaluation of the hazards for the aquatic environment

ANNEX IV

SPECIAL PROVISIONS FOR CONTAINERS CONTAINING PREPARATIONS OFFERED OR SOLD TO THE GENERAL PUBLIC

PART A

Containers to be fitted with child-resistant fastenings

1. Containers of whatever capacity, containing preparations offered or sold to...
2. Containers of whatever capacity containing preparations presenting an aspiration hazard...
3. Containers of whatever capacity, having at least one of the...

PART B

Containers to be fitted with a tactile warning of danger

ANNEX V

SPECIAL PROVISIONS CONCERNING THE LABELLING OF CERTAIN PREPARATIONS

A. For preparations classified as dangerous within the meaning of Articles...

1. Preparations sold to the general public
  - 1.1. The label on the packaging containing such preparations, in addition...
  - 1.2. When such preparations are classified as very toxic (T+), toxic...

2. Preparations intended for use by spraying
  3. Preparations containing a substance assigned phrase R33: Danger of cumulative...
  4. Preparations containing a substance assigned phrase R64: May cause harm...
- B. For preparations irrespective of their classification within the meaning of...
1. Preparations containing lead
    - 1.1. Paint and varnishes
  2. Preparations containing cyanoacrylates
    - 2.1. Adhesives
  3. Preparations containing isocyanates
  4. Preparations containing epoxy constituents with an average molecular weight  $\leq$ ...
  5. Preparations sold to the general public which contain active chlorine...
  6. Preparations containing cadmium (alloys) and intended to be used for...
  7. Preparations available as aerosols
  8. Preparations containing substances not yet tested completely
  9. Preparations not classified as sensitising but containing at least one...
  10. Liquid preparations containing halogenated hydrocarbons
  11. Preparations containing a substance assigned phrase R67: vapours may cause...
  12. Cements and cement preparations
- C. For preparations not classified within the meaning of Articles 5,...
1. Preparations not intended for the general public

## ANNEX VI

### CONFIDENTIALITY FOR THE CHEMICAL IDENTITY OF A SUBSTANCE

#### PART A

Information to be communicated in the request for confidentiality

Introductory notes

Request for confidentiality

#### PART B

Lexicon guide for establishing the alternative designations (generic names)

1. Introductory note
2. Establishing the generic name
3. Division of substances into families and sub-families
4. Practical application:
  - 4.1. If the name of a family or sub-family is sufficient...
  - 4.2. If the name of a family or sub-family is not...

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## ANNEX VII

### PREPARATIONS COVERED BY ARTICLE 12(2)

Preparations as specified by paragraph 9.3 of Annex VI to...

## ANNEX VIII

### PART A

Directives repealed in accordance with Article 21

### PART B

Deadlines for transposition and for application in accordance with Article 22

### PART C

Special provisions for Austria, Finland and Sweden concerning the application of the following Directives in accordance with Article 21

1. Austria, Finland and Sweden do not transpose or apply Council...
2. Austria is to apply Council Directive 88/379/EEC of 7 June...
3. Sweden is to apply Council Directive 88/379/EEC of 7 June...

### Appendix 1

Substances referred to in Annex VIII, Part C, paragraph 2...

### Appendix 2

Substances referred to in Annex VIII, Part C, paragraph 3...

## ANNEX IX

CORRELATION TABLE This Directive 88/379/EEC Article 1  
Article 1 1.1...

CORRELATION TABLE This Directive 88/379/EEC 90/35/EEC  
91/442/EEC 93/18/EEC Annex I.A...

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- (1) [OJ C 283, 26.9.1996, p. 1](#), and [OJ C 337, 7.11.1997, p. 45](#).
- (2) [OJ C 158, 26.5.1997, p. 76](#).
- (3) Opinion of the European Parliament of 26 June 1997 ([OJ C 222, 21.7.1997, p. 26](#)), Council common position of 24 September 1998 ([OJ C 360, 23.11.1998, p. 1](#)) and Decision of the European Parliament of 10 February 1999([OJ C 150, 28.5.1999](#)). Council Decision of 11 May 1999.
- (4) [OJ L 187, 16.7.1988, p. 14](#). Directive as last amended by Commission Directive 96/65/EC ([OJ L 265, 18.10.1996, p. 15](#)).
- (5) [OJ L 154, 5.6.1992, p. 1](#).
- (6) [OJ L 110, 4.5.1993, p. 20](#).
- (7) [OJ L 358, 18.12.1986, p. 1](#).
- (8) [OJ L 206, 29.7.1978, p. 13](#). Directive as last amended by Council Directive 92/32/EEC.
- (9) [OJ L 230, 19.8.1991, p. 1](#). Directive as last amended by Commission Directive 96/68/EC ([OJ L 277, 30.10.1996, p. 25](#)).
- (10) [OJ L 123, 24.4.1998, p. 1](#).
- (11) [OJ L 76, 22.3.1991, p. 35](#). Directive as last amended by Commission Directive 93/112/EEC ([OJ L 314, 16.12.1993, p. 38](#)).