

SCHEDULE 3

PROVISIONS FOR CLASSIFYING DANGEROUS PREPARATIONS

PART I

GENERAL PROVISIONS

Conventional method for the evaluation of hazards to the aquatic environment

18.—(1) The following preparations shall be classified as dangerous for the environment and assigned the symbol “N”, the indication of danger “dangerous for the environment” and the risk phrases R50 and R53 (R50–R53) –

- (a) preparations containing one or more substances classified as dangerous to the environment and to which is assigned phrases R50–R53 in individual concentrations equal to or greater than –
 - (i) either the concentration specified in the approved supply list for the substance or substances under consideration, or
 - (ii) the concentration specified in Part III of this Schedule (Table 1) where the substance or substances do not appear in the approved supply list or appear in it without concentration limits;
- (b) preparations containing more than one substance classified as dangerous to the environment and to which is assigned phrases R50–R53 in lower individual concentrations than the limits specified under paragraph (a) if –

$$\sum \left(\frac{P_{N,R50-53}}{L_{N,R50-53}} \right) \geq 1$$

where –

$P_{N,R50-53}$ is the percentage by weight of each substance dangerous for the environment to which is assigned phrases R50–53 in the preparation,

$L_{N,R50-53}$ is the limit R50–53 for each substance dangerous for the environment to which is assigned phrases R50–53 expressed as a percentage by weight.

(2) The following preparations shall be classified as dangerous for the environment and assigned the symbol “N”, the indication of danger “dangerous for the environment” and the risk phrases R51 and R53 (R51–R53) unless the preparation is already classified according to sub-paragraph (1) –

- (a) preparations containing one or more substances classified as dangerous to the environment and to which is assigned phrases R50–R53 or R51–53 in individual concentrations equal to or greater than –
 - (i) either the concentration specified in the approved supply list for the substance or substances under consideration, or
 - (ii) the concentration specified in Part III of this Schedule (Table 1) where the substance or substances do not appear in the approved supply list or appear in it without concentration limits;
- (b) preparations containing more than one substance classified as dangerous to the environment and to which is assigned phrases R50–R53 or R51–53 in lower individual concentrations than the limits specified under paragraph (a) if –

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$$\sum \left(\frac{P_{N,R50-53}}{L_{N,R51-53}} + \frac{P_{N,R51-53}}{L_{N,R51-53}} \right) > 1$$

where –

$P_{N,R50-53}$ is the percentage by weight of each substance dangerous for the environment to which is assigned phrases R50–53 in the preparation,

$P_{N,R51-53}$ is the percentage by weight of each substance dangerous for the environment to which is assigned phrases R51–53 in the preparation,

$L_{N,R51-53}$ is the respective limit R51–53 for each substance dangerous for the environment to which is assigned phrases R50–53 or R51–53 expressed as a percentage of weight.

(3) The following preparations shall be classified as dangerous for the environment and assigned the risk phrases R52 and R53 (R52–R53) unless the preparation is already classified according to sub-paragraph (1) or (2) –

- (a) preparations containing one or more substances classified as dangerous to the environment and to which is assigned phrases R50–R53 or R51–53 or R52–53 in individual concentrations equal to or greater than –
 - (i) either the concentration specified in the approved supply list for the substance or substances under consideration, or
 - (ii) the concentration specified in Part III of this Schedule (Table 1) where the substance or substances do not appear in the approved supply list or appear in it without concentration limits;
- (b) preparations containing more than one substance classified as dangerous to the environment and to which is assigned phrases R50–R53 or R51–53 or R52–53 in lower individual concentrations than the limits specified under paragraph (a) if –

$$\sum \left(\frac{P_{N,R50-53}}{L_{R,R52-53}} + \frac{P_{N,R51-53}}{L_{R52-53}} + \frac{P_{R52-53}}{L_{R52-53}} \right) \geq 1$$

where –

$P_{N,R50-53}$ is the percentage by weight of each substance dangerous for the environment to which is assigned phrases R50–53 in the preparation,

$P_{N,R51-53}$ is the percentage by weight of each substance dangerous for the environment to which is assigned phrases R51–53 in the preparation,

P_{R52-53} is the percentage by weight of each substance dangerous for the environment to which is assigned phrases R52–53 in the preparation,

L_{R52-53} is the respective limit R52–53 for each substance dangerous for the environment to which is assigned phrases R50–53, R51–53 or R52–53 expressed as a percentage by weight.

(4) The following preparations shall be classified as dangerous for the environment and assigned the symbol “N”, the indication of danger “dangerous for the environment” and the risk phrase R50 unless the preparation is already classified according to sub-paragraph (1) –

- (a) preparations containing one or more substances classified as dangerous to the environment and to which is assigned phrase R50 in individual concentrations equal to or greater than –
 - (i) either the concentration specified in the approved supply list for the substance or substances under consideration, or

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- (ii) the concentration specified in Part III of this Schedule (Table 2) where the substance or substances do not appear in the approved supply list or appear in it without concentration limits;
- (b) preparations containing more than one substance classified as dangerous to the environment and to which is assigned phrase R50 in lower individual concentrations than the limits specified under paragraph (a) if –

$$\sum \left(\frac{P_{N-R50}}{L_{N-R50}} \right) \geq 1$$

where –

P_{N-R50} is the percentage by weight of each substance dangerous for the environment to which is assigned phrase R50 in the preparation,

L_{N-R50} is the limit R50 for each substance dangerous for the environment to which is assigned phrase R50 expressed as a percentage by weight;

- (c) preparations containing one or more substances classified as dangerous to the environment and to which is assigned phrase R50 not meeting the criteria under paragraph (a) or (b) and containing one or more substances classified as dangerous to the environment and to which is assigned phrases R50–53 if –

$$\sum \left(\frac{P_{N-R50}}{L_{N-R50}} + \frac{P_{N-R50-53}}{L_{N-R50-53}} \right) \geq 1$$

where –

P_{N-R50} is the percentage by weight of each substance dangerous for the environment to which is assigned phrase R50 in the preparation,

$P_{N-R50-53}$ is the percentage by weight of each substance dangerous for the environment to which is assigned phrases R50–53 in the preparation,

L_{N-R50} is the respective limit R50 for each substance dangerous for the environment to which is assigned phrases R50 or R50–53 expressed as a percentage by weight.

(5) The following preparations shall be classified as dangerous for the environment and assigned the risk phrase R52 unless the preparation is already classified according to sub-paragraph (1), (2), (3) or (4) –

- (a) preparations containing one or more substances classified as dangerous to the environment and to which is assigned phrase R52 in individual concentrations equal to or greater than –
 - (i) either the concentration specified in the approved supply list for the substance or substances under consideration, or
 - (ii) the concentration specified in Part III of this Schedule (Table 3) where the substance or substances do not appear in the approved supply list or appear in it without concentration limits;
- (b) preparations containing more than one substance classified as dangerous to the environment and to which is assigned phrase R52 in lower individual concentrations than the limits specified under paragraph (a) if –

$$\sum \left(\frac{P_{R52}}{L_{R52}} \right) \geq 1$$

where –

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P_{R52} is the percentage by weight of each substance dangerous for the environment to which is assigned phrase R52 in the preparation,

L_{R52} is the limit R52 for each substance dangerous for the environment to which is assigned phrase R52 expressed as a percentage by weight.

(6) The following preparations shall be classified as dangerous for the environment and assigned the risk phrase R53 unless the preparation is already classified according to sub-paragraph (1), (2) or (3) –

- (a) preparations containing one or more substances classified as dangerous to the environment and to which is assigned phrase R53 in individual concentrations equal to or greater than –
 - (i) either the concentration specified in the approved supply list for the substance or substances under consideration, or
 - (ii) the concentration specified in Part III of this Schedule (Table 4) where the substance or substances do not appear in the approved supply list or appear in it without concentration limits;
- (b) preparations containing more than one substance classified as dangerous to the environment and to which is assigned phrase R53 in lower individual concentrations than the limits specified under paragraph (a) if –

$$\sum \left(\frac{P_{R53}}{L_{R53}} \right) \geq 1$$

where –

P_{R53} is the percentage by weight of each substance dangerous for the environment to which is assigned phrase R53 in the preparation,

L_{R53} is the limit R53 for each substance dangerous for the environment to which is assigned phrase R53 expressed as a percentage by weight.

- (c) preparations containing one or more substances classified as dangerous to the environment and to which is assigned phrase R53 not meeting the criteria under paragraph (b) and containing one or more substances classified as dangerous to the environment and to which is assigned phrases R50–53, R51–53 or R52–53 if –

$$\sum \left(\frac{P_{R53}}{L_{R53}} + \frac{P_{N-R50-53}}{L_{R53}} - \frac{P_{N-R51-53}}{L_{R53}} - \frac{P_{R52-53}}{L_{R53}} \right) \geq 1$$

where –

P_{R53} is the percentage by weight of each substance dangerous for the environment to which is assigned phrase R53 in the preparation,

$P_{N-R50-53}$ is the percentage by weight of each substance dangerous for the environment to which is assigned phrases R50–53 in the preparation,

$P_{N-R51-53}$ is the percentage by weight of each substance dangerous for the environment to which is assigned phrases R51–53 in the preparation,

P_{R52-53} is the percentage by weight of each substance dangerous for the environment to which is assigned phrases R52–53 in the preparation,

L_{R53} is the respective limit R53 for each substance dangerous for the environment to which is assigned phrases R53, R50–53, R51–53 or R52–53 expressed as a percentage by weight.