



2024/2492

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COMMISSION REGULATION (EU) 2024/2492

of 23 September 2024

amending Regulation (EC) No 440/2008 as regards the test methods, to adapt them to technical progress

(Text with EEA relevance)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC ⁽¹⁾, and in particular Article 13(2) thereof,

Whereas:

- (1) Commission Regulation (EC) No 440/2008 ⁽²⁾ contains, in its Annex, test methods recognised as being appropriate for generating information on the physicochemical, toxicological and ecotoxicological properties of substances for the purposes of Regulation (EC) No 1907/2006.
- (2) The Organisation for Economic Cooperation and Development (OECD) develops harmonised and internationally agreed test guidelines for the testing of chemicals for regulatory purposes. The OECD regularly issues new and revised test guidelines, taking account of scientific progress in this area.
- (3) In order to keep Regulation (EC) No 440/2008 up to date with technical progress and to reduce the number of animals used for experimental purposes, also in accordance with Directive 2010/63/EU of the European Parliament and of the Council ⁽³⁾, seven test methods should be added to the Annex of Regulation (EC) No 440/2008: one new test method for basic physicochemical properties ⁽⁴⁾, one new and two updated test methods for the determination of effects on human health, relating to *in vitro* tests for immunotoxicity and skin sensitisation ⁽⁵⁾, and three updated test methods for the assessment of ecotoxicity ⁽⁶⁾.

⁽¹⁾ OJ L 396, 30.12.2006, p. 1, ELI: <http://data.europa.eu/eli/reg/2006/1907/oj>

⁽²⁾ Commission Regulation (EC) No 440/2008 of 30 May 2008 laying down test methods pursuant to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (OJ L 142, 31.5.2008, p. 1, ELI: <http://data.europa.eu/eli/reg/2008/440/oj>).

⁽³⁾ Directive 2010/63/EU of the European Parliament and of the Council of 22 September 2010 on the protection of animals used for scientific purposes (OJ L 276, 20.10.2010, p. 33, ELI: <http://data.europa.eu/eli/dir/2010/63/oj>).

⁽⁴⁾ OECD Test Guideline 126: Determination of the Hydrophobicity Index of Nanomaterials Through an Affinity Measurement (2023), <https://doi.org/10.1787/ae9c0fd1-en>.

⁽⁵⁾ OECD Test Guideline 444A: In Vitro Immunotoxicity: IL-2 Luc Assay (2023) <https://doi.org/10.1787/27b10ba3-en>; OECD Test Guideline 442C: In Chemico Skin Sensitisation: Assays addressing the Adverse Outcome Pathway key event on covalent binding to proteins (2023) <https://doi.org/10.1787/9789264229709-en>; OECD Test Guideline 442E: In Vitro Skin Sensitisation: In Vitro Skin Sensitisation assays addressing the Key Event on activation of dendritic cells on the Adverse Outcome Pathway for Skin Sensitisation (2023), <https://doi.org/10.1787/9789264264359-en>.

⁽⁶⁾ OECD Test Guideline No 240: Medaka Extended One Generation Reproduction Test (MEOGRT) (2023) <https://doi.org/10.1787/9789264242258-en>; OECD Test Guideline 218: Sediment-Water Chironomid Toxicity Using Spiked Sediment (2023) <https://doi.org/10.1787/9789264070264-en>; OECD Test Guideline 219: Sediment-Water Chironomid Toxicity Using Spiked Water (2023) <https://doi.org/10.1787/9789264070288-en>.

- (4) In addition, OECD has issued in 2023 new, corrected versions of the following test methods, which were included in Regulation (EC) No 440/2008: OECD Test Guideline 125 ⁽⁷⁾; OECD Test Guideline 316 ⁽⁸⁾; OECD Test Guideline 405 ⁽⁹⁾; OECD Test Guideline 437 ⁽¹⁰⁾; OECD Test Guideline 438 ⁽¹¹⁾; OECD Test Guideline 456 ⁽¹²⁾; OECD Test Guideline 458 ⁽¹³⁾; OECD Test Guideline 460 ⁽¹⁴⁾; OECD Test Guideline 487 ⁽¹⁵⁾; OECD Test Guideline 491 ⁽¹⁶⁾; OECD Test Guideline 492 ⁽¹⁷⁾; OECD Test Guideline 496 ⁽¹⁸⁾; OECD Test Guideline 497 ⁽¹⁹⁾; OECD Test Guideline 498 ⁽²⁰⁾. It is therefore appropriate to delete the outdated versions of the full descriptions for those test methods from Parts B and C of the Annex to Regulation (EC) No 440/2008.
- (5) In order to achieve better alignment with related legislation, in particular Regulation (EC) No 1272/2008 of the European Parliament and of the Council ⁽²¹⁾, the listing of the test methods for physicochemical properties in Part 0, Table 1 of the Annex to Regulation (EC) No 440/2008 should be restructured and relevant test methods should be added: ASTM D4359-90: Standard Test Method for Determining whether a Material Is a Liquid or a Solid; Test for determining fluidity according to section 2.3.4 of Annex A of the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR); Calorimetric test methods according to section 20.3.3.3 of Part II of the UN Manual of Tests and Criteria; DIN 66137-2 – Determination of solid state density – Part 2: Gas pycnometry; ISO 12154- Determination of density by volumetric displacement – Skeleton density by gas pycnometry; ISO/TR 14187:2020 – Surface chemical analysis -Characterization of nanostructured materials; EN 17199-1:2019 – Workplace exposure – Measurement of dustiness of bulk materials that contain or release respirable NOA and other respirable particles; EN 15051-1: Workplace exposure – Measurement of the dustiness of bulk materials – Part 1: Requirements and choice of test methods; EN 15051-2: Workplace exposure – Measurement of the dustiness of bulk materials – Part 2: Rotating drum method; EN 15051-3: Workplace exposure – Measurement of the dustiness of bulk materials – Part 3: Continuous drop method; the following tests methods, as provided for in Annex I, Part 2, of Regulation (EC) No 1272/2008 of the European Parliament and of the Council: test method for pyrophoric gases ⁽²²⁾; test method for chemical instability ⁽²³⁾; test methods for determining the initial boiling point of flammable liquids ⁽²⁴⁾; test methods for determining the flash point of flammable liquids ⁽²⁵⁾; test method for self-reactive substances ⁽²⁶⁾; test methods for organic peroxides ⁽²⁷⁾; test method for substances corrosive to metals ⁽²⁸⁾, and test methods for desensitised explosives ⁽²⁹⁾.

⁽⁷⁾ OECD Test Guideline 125: Nanomaterial Particle Size and Size Distribution of Nanomaterials (2023) <https://doi.org/10.1787/af5f9bda-en>.

⁽⁸⁾ OECD Test Guideline 316: Phototransformation of Chemicals in Water – Direct Photolysis (2023) <https://doi.org/10.1787/9789264067585-en>.

⁽⁹⁾ OECD Test Guideline 405: Acute Eye Irritation/Corrosion (2023) <https://doi.org/10.1787/9789264185333-en>.

⁽¹⁰⁾ OECD Test Guideline 437: Bovine Corneal Opacity and Permeability Test Method for Identifying i) Chemicals Inducing Serious Eye Damage and ii) Chemicals Not Requiring Classification for Eye Irritation or Serious Eye Damage (2023), <https://doi.org/10.1787/9789264203846-en>.

⁽¹¹⁾ OECD Test Guideline 438: Isolated Chicken Eye Test Method for Identifying i) Chemicals Inducing Serious Eye Damage and ii) Chemicals Not Requiring Classification for Eye Irritation or Serious Eye Damage (2023) <https://doi.org/10.1787/9789264203860-en>.

⁽¹²⁾ OECD Test Guideline 456: H295R Steroidogenesis Assay (2023) <https://doi.org/10.1787/9789264122642-en>.

⁽¹³⁾ OECD Test Guideline 458: Stably Transfected Human Androgen Receptor Transcriptional Activation Assay for Detection of Androgenic Agonist and Antagonist Activity of Chemicals (2023) <https://doi.org/10.1787/9789264264366-en>.

⁽¹⁴⁾ OECD, Test Guideline 460: Fluorescein Leakage Test Method for Identifying Ocular Corrosives and Severe Irritants (2023) <https://doi.org/10.1787/9789264185401-en>.

⁽¹⁵⁾ OECD Test Guideline 487: In Vitro Mammalian Cell Micronucleus Test (2023) <https://doi.org/10.1787/9789264264861-en>.

⁽¹⁶⁾ OECD Test Guideline 491: Short Time Exposure In Vitro Test Method for Identifying i) Chemicals Inducing Serious Eye Damage and ii) Chemicals Not Requiring Classification for Eye Irritation or Serious Eye Damage (2023) <https://doi.org/10.1787/9789264242432-en>.

⁽¹⁷⁾ OECD Test Guideline 492: Reconstructed human Cornea-like Epithelium (RhCE) test method for identifying chemicals not requiring classification and labelling for eye irritation or serious eye damage (2023) <https://doi.org/10.1787/9789264242548-en>.

⁽¹⁸⁾ OECD Test Guideline 496: In vitro Macromolecular Test Method for Identifying Chemicals Inducing Serious Eye Damage and Chemicals Not Requiring Classification for Eye Irritation or Serious Eye Damage (2023) <https://doi.org/10.1787/970e5cd9-en>.

⁽¹⁹⁾ OECD Test Guideline 497: Defined Approaches on Skin Sensitisation (2023) <https://doi.org/10.1787/b92879a4-en>.

⁽²⁰⁾ OECD Test Guideline 498: In vitro Phototoxicity – Reconstructed Human Epidermis Phototoxicity test method (2023) <https://doi.org/10.1787/7b2f9ea0-en>.

⁽²¹⁾ Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (OJ L 353, 31.12.2008, p. 1, ELI: <http://data.europa.eu/eli/reg/2008/1272/oj>).

⁽²²⁾ Section 2.2.4.2. of Annex I, Part 2, of Regulation (EC) No 1272/2008.

⁽²³⁾ Section 2.2.4.4. of Annex I, Part 2, of Regulation (EC) No 1272/2008.

⁽²⁴⁾ Table 2.6.4 of Annex I, Part 2 of Regulation (EC) No 1272/2008.

⁽²⁵⁾ Section 2.6.4.4. of Annex I, Part 2 of Regulation (EC) No 1272/2008.

⁽²⁶⁾ Section 2.8.4.1. of Annex I, Part 2, of Regulation (EC) No 1272/2008.

⁽²⁷⁾ Section 2.15.4.1. of Annex I, Part 2, of Regulation (EC) No 1272/2008.

⁽²⁸⁾ Section 2.16.2.1. of Annex I, Part 2, of Regulation (EC) No 1272/2008.

⁽²⁹⁾ Section 2.17.2.1., points (b) and (c), and Section 2.17.2.2 of Annex I, Part 2 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council.

- (6) Regulation (EC) No 440/2008 should therefore be amended accordingly.
- (7) The relevant stakeholders have been consulted on the proposed amendment.
- (8) The measures provided for in this Regulation are in accordance with the opinion of the Committee established under Article 133(1) of Regulation (EC) No 1907/2006,

HAS ADOPTED THIS REGULATION:

Article 1

The Annex to Regulation (EC) No 440/2008 is amended in accordance with the Annex to this Regulation.

Article 2

This Regulation shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 23 September 2024.

For the Commission
The President
Ursula VON DER LEYEN

ANNEX

The Annex to Regulation (EC) No 440/2008 is amended as follows:

(1) Part 0 is amended as follows:

(a) Table 1 is replaced by the following:

TABLE 1: TEST METHODS FOR PHYSICOCHEMICAL PROPERTIES OF THE SUBSTANCE

Basic physicochemical properties		
Endpoint	Test method	Corresponding chapter, containing the full description of the test method, in Part A of this Annex (numbers in brackets indicate that the full description of the test method has been deleted from Part A; empty cell: no corresponding test method in Part A of this Annex)
Melting point/freezing point	OECD Test Guideline 102: Melting Point/Melting Range (1995)	A.1.
	ASTM D4359-90: Standard Test Method for Determining whether a Material Is a Liquid or a Solid	
	Test for determining fluidity according to section 2.3.4 of Annex A of the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)	
Boiling point	OECD Test Guideline 103: Boiling point (1995)	A.2.
	Test methods according to Table 2.6.4 of Annex I, Part 2 of Regulation (EC) No 1272/2008	
Flammability	EN 15188:2020 – Determination of the spontaneous ignition behaviour of dust accumulations	
Lower and upper explosion limit	Test methods according to section 2.2.4.1. of Annex I, Part 2 of Regulation (EC) No 1272/2008 (ISO 10156 and EN 1839)	
Flash point	Test methods according to table 2.6.3 of Annex I, Part 2 of Regulation (EC) No 1272/2008	
Auto-ignition temperature (liquids, gases)	ISO/IEC 80079-20-1:2017 – Explosive atmospheres – Part 20-1: Material characteristics for gas and vapour classification – Test methods and data	
Decomposition temperature	Calorimetric test methods according to section 20.3.3.3 of Part II of the UN Manual of Tests and Criteria	
	Test Series H, part II, section 28, of the UN Manual of Tests and Criteria for the self-accelerating decomposition temperature (SADT) (with reference to a specific package)	

pH	OECD Test Guideline 122: Determination of pH, Acidity and Alkalinity (2013)	
Kinematic Viscosity	OECD Test Guideline 114: Viscosity of Liquids (2012)	
Water solubility	OECD Test Guideline 105: Water Solubility (1995)	A.6.
Partition coefficient n-octanol/water	OECD Test Guideline 107: Partition Coefficient (n-octanol/water): Shake-Flask Method (1995)	(A.8.)
	OECD Test Guideline 123: Partition Coefficient (1-Octanol/Water): Slow-Stirring Method (2022)	A.23.
	OECD Test Guideline 117: Partition Coefficient (n-octanol/water): HPLC Method (2022)	A.24.
Vapour pressure	OECD Test Guideline 104: Vapour Pressure (2006)	(A.4)
Density/Relative density	OECD Test Guideline 109: Density of Liquids and Solids (2012)	(A.3.)
	DIN 661 37-2 – Determination of solid state density – Part 2: Gas pycnometry	
	ISO 12154 – Determination of density by volumetric displacement – Skeleton density by gas pycnometry	
Particle characteristics	EU test method A.22. Length Weighted Geometric Mean Diameter of Fibres	A.22.
	ISO 21501 – Determination of Particle Size Distribution – Single Particle Light Interaction Methods	
	OECD Test Guideline 124: Determination of the Volume Specific Surface Area of Manufactured Nanomaterials (2022)	
	OECD Test Guideline 125: Particle Size and Particle Size Distribution of Nanomaterials (2023)	
	ISO/TR 14187:2020 – Surface chemical analysis – Characterization of nanostructured materials	
Dustiness (for nanoforms of a substance)	EN 17199-1:2019 – Workplace exposure – Measurement of dustiness of bulk materials that contain or release respirable NOAA and other respirable particles	
	EN 15051-1: Workplace exposure – Measurement of the dustiness of bulk materials – Part 1: Requirements and choice of test methods	
	EN 15051-2: Workplace exposure – Measurement of the dustiness of bulk materials – Part 2: Rotating drum method	
	EN 15051-3: Workplace exposure – Measurement of the dustiness of bulk materials – Part 3: Continuous drop method	

Surface tension	OECD Test Guideline 115: Surface Tension of Aqueous Solutions (1995)	A.5.
Dissociation constant	OECD Test Guideline 112: Dissociation Constants in Water. (1981)	A.25.
Hydrophobicity	OECD Test Guideline 126: Determination of the Hydrophobicity Index of Manufactured Nanomaterials Through an Affinity Measurement (2023)	
Physicochemical hazard properties		
Explosives	Test methods for explosives according to section 2.1.2.1. and 2.1.2.3. of Annex I, Part 2 of Regulation (EC) No 1272/2008	
	EU Test method A.14 Explosive Properties	A.14
Flammable gases	Test method for the fundamental burning velocity according to section 2.2.4.1. of Annex I, Part 2 of Regulation (EC) No 1272/2008	
	Test method for pyrophoric gases according to section 2.2.4.2. of Annex I, Part 2 of Regulation (EC) No 1272/2008	
	Test method for the chemical instability according to section 2.2.4.4. of Annex I, Part 2 of Regulation (EC) No 1272/2008	
Oxidising gases	Test method for oxidising gases according to section 2.4.4. of Annex I, Part 2 of Regulation (EC) No 1272/2008	
Flammable liquids	Test method for the sustained combustibility according to section 2.6.4.5. of Annex I, Part 2 of Regulation (EC) No 1272/2008	
	Test methods for determining the flash point of flammable liquids according to section 2.6.4.4. of Annex I, Part 2 of Regulation (EC) No 1272/2008	
Flammable solids	Test method for flammable solids according to section 2.7.2.3. of Annex I, Part 2 of Regulation (EC) No 1272/2008	
Self-reactive substances	Test method for self-reactive substances according to section 2.8.4.1. of Annex I, Part 2 of Regulation (EC) No 1272/2008	
Pyrophoric liquids	Test method for pyrophoric liquids according to section 2.9.2.1. of Annex I, Part 2 of Regulation (EC) No 1272/2008	
Pyrophoric solids	Test method for pyrophoric solids according to section 2.10.2.1. of Annex I, Part 2 of Regulation (EC) No 1272/2008,	
Self-heating substances	Test method for self-heating substances according to section 2.11.2.2 of Annex I, Part 2 of Regulation (EC) No 1272/2008	
Substances which in contact with water emit flammable gases	Test method for substances which in contact with water emit flammable gases according to section 2.12.2.1. of Annex I, Part 2 of Regulation (EC) No 1272/2008	

Oxidising liquids	Test method for oxidising liquids according to section 2.13.2.1. of Annex I, Part 2 of Regulation (EC) No 1272/2008	
Oxidising solids	Test method for oxidising solids according to section 2.14.2.1. of Annex I, Part 2 of Regulation (EC) No 1272/2008	
Organic peroxides	Test methods according to section 2.15.4.1 of Annex I, Part 2 of Regulation (EC) No 1272/2008	
Corrosive to metals	Test method for substances corrosive to metals according to section 2.16.2.1. of Annex I, Part 2 of Regulation (EC) No 1272/2008	
Desensitised explosives	Test methods according to section 2.17.2.1 (b) and (c) and according to section 2.17.2.2 of Annex I, Part 2 of Regulation (EC) No 1272/2008	
Properties of polymers	OECD Test Guideline 118: Determination of the Number-Average Molecular Weight and the Molecular Weight Distribution of Polymers using Gel Permeation Chromatography (1996)	A.18.
	OECD Test Guideline 119: Determination of the Low Molecular Weight Content of a Polymer Using Gel Permeation Chromatography (1996)	A.19.
	OECD Test Guideline 120: Solution/Extraction Behaviour of Polymers in Water (2000)	(A.20.)'

(b) Table 2 is amended as follows:

(i) the entry 'Serious eye damage/eye irritation' is replaced by the following:

'Serious eye damage/eye irritation'	<i>In vitro</i> :	
	OECD Test Guideline 437: Bovine Corneal Opacity and Permeability Test Method for Identifying i) Chemicals Inducing Serious Eye Damage and ii) Chemicals Not Requiring Classification for Eye Irritation or Serious Eye Damage (2023)	(B.47.)
	OECD Test Guideline 438: Isolated Chicken Eye Test Method for Identifying i) Chemicals Inducing Serious Eye Damage and ii) Chemicals Not Requiring Classification for Eye Irritation or Serious Eye Damage (2023)	(B.48.)
	OECD Test Guideline 460: Fluorescein Leakage Test Method for Identifying Ocular Corrosives and Severe Irritants (2023)	(B.61.)
	OECD Test Guideline 491: Short Time Exposure <i>In Vitro</i> Test Method for Identifying i) Chemicals Inducing Serious Eye Damage and ii) Chemicals Not Requiring Classification for Eye Irritation or Serious Eye Damage (2023)	(B.68.)

	OECD Test Guideline 492: Reconstructed human Corneal-like Epithelium (RhCE) Test Method for Identifying Chemicals Not Requiring Classification and Labelling for Eye Irritation or Serious Eye Damage (2023)	(B.69.)
	OECD Test Guideline 492B: Reconstructed Human Corneal-like Epithelium (RHCE) Test Method for Eye Hazard Identification (2022)	
	OECD Test Guideline 494: Vitrigel-Eye Irritancy Test Method for Identifying Chemicals Not Requiring Classification and Labelling for Eye Irritation or Serious Eye Damage (2021)	
	OECD Test Guideline 496: <i>In vitro</i> Macromolecular Test Method for Identifying Chemicals Inducing Serious Eye Damage and Chemicals Not Requiring Classification for Eye Irritation or Serious Eye Damage (2023)	
	OECD Test Guideline 467: Defined Approaches for Serious Eye Damage and Eye Irritation (2022)	
	<i>In vivo:</i>	
	OECD Test Guideline 405: Acute Eye Irritation/Corrosion (2023)	(B.5.);

- (ii) in the entry 'Skin sensitisation', the 'In vitro' section is replaced by the following:

In vitro:

OECD Test Guideline 442C: <i>In Chemico</i> Skin Sensitisation Assays addressing the Adverse Outcome Pathway key event on covalent binding to proteins (2023)	(B.59.)
OECD Test Guideline 442D: <i>In Vitro</i> Skin Sensitisation Assays Addressing the AOP Key Event on Keratinocyte Activation (2022)	(B.60.)
OECD Test Guideline 442E: <i>In Vitro</i> Skin Sensitisation: <i>In Vitro</i> Skin Sensitisation Assays Addressing the Key Event on Activation of Dendritic Cells on the Adverse Outcome Pathway for Skin Sensitisation (2023)	(B.71.)'
OECD Test Guideline 497: Defined Approaches on Skin Sensitisation (2023);	

- (iii) in the entry 'Mutagenicity', the row:

'OECD Test Guideline 487. <i>In vitro</i> Mammalian Cell Micronucleus Test (2016)	B.49.'

is replaced by the following:

	'OECD Test Guideline 487. <i>In vitro</i> Mammalian Cell Micronucleus Test (2023)	(B.49.);

(iv) in the entry 'Endocrine disrupting properties', the rows:

	'OECD Test Guideline 456: H295R Steroidogenesis Assay (2022)	B.57.'
	OECD Test Guideline 458: Stably Transfected Human Androgen Receptor Transcriptional Activation Assay for Detection of Androgenic Agonist and Antagonist Activity of Chemicals (2020)	

are replaced by the following:

	'OECD Test Guideline 456: H295R Steroidogenesis Assay (2023)	(B.57.)'
	OECD Test Guideline 458: Stably Transfected Human Androgen Receptor Transcriptional Activation Assay for Detection of Androgenic Agonist and Antagonist Activity of Chemicals (2023)	

(v) in the entry 'Phototoxicity', the row:

	'OECD Test Guideline 498: <i>In Vitro</i> Phototoxicity Test Method Using the Reconstructed Human Epidermis (RhE) (2021)'	
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is replaced by the following:

	'OECD Test Guideline 498: <i>In Vitro</i> Phototoxicity Reconstructed Human Epidermis Phototoxicity test method (2023)'	
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(vi) the following entry is inserted after the section 'Phototoxicity':

'Immunotoxicity	OECD Test Guideline 444A: <i>In vitro</i> immunotoxicity IL-2 Luc assay (2023)'	
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(c) Table 3 is amended as follows:

(i) in the entry 'Degradation', the row:

	'OECD Test Guideline 316: Phototransformation of Chemicals in Water – Direct Photolysis (2008)'	
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is replaced by the following:

	'OECD Test Guideline 316: Phototransformation of Chemicals in Water – Direct Photolysis (2023)'	
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(ii) in the entry 'Effects on sediment organisms', the rows:

	'OECD Test Guideline 218: Sediment-Water Chironomid Toxicity Using Spiked Sediment (2004)'	C.27.
	'OECD Test Guideline 219: Sediment-Water Chironomid Toxicity Using Spiked Water (2004)'	C.28.'

are replaced by the following:

	'OECD Test Guideline 218: Sediment-Water Chironomid Toxicity Test Using Spiked Sediment (2023)'	(C.27.)
	'OECD Test Guideline 219: Sediment-Water Chironomid Toxicity Test Using Spiked Water (2023)'	(C.28.);

(iii) in the entry 'Endocrine disrupting properties', the row:

	'OECD Test Guideline 240: Medaka Extended One-Generation Reproduction Test (MEOGRT) (2015)'	C.52.'
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is replaced by the following:

	'OECD Test Guideline 240: Medaka Extended One-Generation Reproduction Test (MEOGRT) (2023)'	(C.52.)'
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- (2) in part B, the text below the headings of each of the Chapters B.49. and B.57. is replaced by the following: 'The full description of this test method has been deleted. The equivalent international test method appears in Part 0, Table 2.;
- (3) in part C, the text below the headings of each of the Chapters C.27., C.28. and C.52. is replaced by the following: 'The full description of this test method has been deleted. The equivalent international test method appears in Part 0, Table 3.'