

## **Block A: Fate and distribution in the environment and microbiology**

### **Physico-chemical data and Distribution**

- Test No. 105: Water Solubility
- Test No. 112: Dissociation Constants in Water
- Test No. 318: Dispersion Stability of Nanomaterials in Simulated Environmental Media
- Test No. 113: Screening Test for Thermal Stability and Stability in Air
- Test No. 107: Partition Coefficient (n-octanol/water): Shake Flask Method
- Test No. 117: Partition Coefficient (n-octanol/water), HPLC Method
- Test No. 123: Partition Coefficient (1-Octanol/Water): Slow-Stirring Method
- Test No. 106: Adsorption -- Desorption Using a Batch Equilibrium Method
- Test No. 121: Estimation of the Adsorption Coefficient (K<sub>oc</sub>) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC)
- Test No. 312: Leaching in Soil Columns
- Test No. 122: Determination of pH, Acidity and Alkalinity
- Test No. 115: Surface Tension of Aqueous Solutions

### **Screening and microbiology**

Revised Introduction to the OECD Guidelines for Testing of Chemicals, Section 3

- Test No. 301: Ready Biodegradability
- Test No. 306 Biodegradability in Seawater
- Test No. 310: Ready Biodegradability - CO<sub>2</sub> in sealed vessels (Headspace Test)
- Test No. 302B: Inherent Biodegradability: Zahn-Wellens/ EVPA Test

### **Biodegradation simulation testing and abiotic degradation**

- Test No. 307: Aerobic and Anaerobic Transformation in Soil
- Test No. 308: Aerobic and Anaerobic Transformation in Aquatic Sediment Systems
- Test No. 309: Aerobic Mineralisation in Surface Water – Simulation Biodegradation Test
- Test No. 111: Hydrolysis as a Function of pH
- Test No. 316: Phototransformation of Chemicals in Water- Direct Photolysis  
OECD Draft Soil Photolysis guideline (2002)

### **Bioaccumulation**

- Test No. 305: Bioaccumulation in Fish: Aqueous and Dietary Exposure
- Test No. 319B: Determination of in vitro intrinsic clearance using rainbow trout liver S9 sub-cellular fraction (RT-S9)

## **Block B: Terrestrial**

### **Birds**

Test No. 205: Avian Dietary Toxicity Test  
Test No. 206: Avian Reproduction Test  
Test No. 223: Avian Acute Oral Toxicity Test

### **Honeybee / Bumblebee**

Test No. 213: Honeybees, Acute Oral Toxicity Test  
Test No. 214: Honeybees, Acute Contact Toxicity Test  
Test No. 237: Honey Bee (*Apis Mellifera*) Larval Toxicity Test, Single Exposure  
Test No. 245: Honey Bee (*Apis Mellifera* L.), Chronic Oral Toxicity Test (10-Day Feeding)  
Test No. 246: Bumblebee, Acute Contact Toxicity Test  
Test No. 247: Bumblebee, Acute Oral Toxicity Test  
Guidance Document 239: Honey Bee Larval

### **Plants**

Test No. 208: Terrestrial Plant Test: Seedling Emergence and Seedling Growth Test  
Test No. 227: Terrestrial Plant Test: Vegetative Vigour Test

### **other terrestrial**

Test No. 207: Earthworm, Acute Toxicity Tests  
Test No. 216: Soil Microorganisms: Nitrogen Transformation Test  
Test No. 220: Enchytraeid Reproduction Test  
Test No. 222: Earthworm Reproduction Test (*Eisenia fetida*/*Eisenia andrei*)  
Test No. 226: Predatory mite (*Hypoaspis (Geolaelaps) aculeifer*) reproduction test in soil  
Test No. 232: Collembolan Reproduction Test in Soil  
Test No. 228 Determination of Developmental Toxicity to Dipteran Dung Flies

## Block C: Aquatic

### Fish

- Test No. 203: Fish, Acute Toxicity Test
- Test No. 210: Fish, Early-life Stage Toxicity Test
- Test No. 212: Fish, Short-term Toxicity Test on Embryo and Sac-Fry Stages
- Test No. 215: Fish, Juvenile Growth Test
- Test No. 229: Fish Short Term Reproduction Assay
- Test No. 230: 21-day Fish Assay
- Test No. 234: Fish Sexual Development Test
- Test No. 236: Fish Embryo Acute Toxicity (FET) Test
- Test No. 240: Medaka Extended One Generation Reproduction Test (MEOGRT)

### Further aquatic

- Test No. 201: Freshwater Alga and Cyanobacteria, Growth Inhibition Test
- Test No. 202: *Daphnia sp.* Acute Immobilisation Test
- Test No. 211: *Daphnia magna* Reproduction Test
- Test No. 243: *Lymnaea stagnalis* Reproduction Test

### Sediments

- Test No. 218: Sediment-Water Chironomid Toxicity Using Spiked Sediment
- Test No. 219: Sediment-Water Chironomid Toxicity Using Spiked Water
- Test No. 225: Sediment-Water Lumbriculus Toxicity Test Using Spiked Sediment
- Test No. 233: Sediment-Water Chironomid Life-Cycle Toxicity Test Using Spiked Water or Spiked Sediment
- Test No. 235: *Chironomus sp.*, Acute Immobilisation Test

### Hydrophytes, Macrophytes

- Test No. 221: Lemna sp. Growth Inhibition Test
- Test No. 238: Sediment-Free *Myriophyllum spicatum* Toxicity Test
- Test No. 239: Water-Sediment *Myriophyllum spicatum* Toxicity Test

### Amphibian

- Test No. 231: Amphibian Metamorphosis Assay
- Test No. 241: The Larval Amphibian Growth and Development Assay (LAGDA)
- Test No. 248: *Xenopus eleuthero* embryonic Thyroid Assay (XETA)