



Ricerca Capabilities by Regulatory Guidelines

As of April 2015

Environmental Fate, Transport and Transformation

OCSP Guideline No.	Guideline Names	Other Reference Numbers		
		OPPT	OPP	OECD
835.1110	Activated Sludge Sorption Isotherm	none	none	none
835.1210	Soil Thin Layer Chromatography	796.2700	none	none
835.1220	Sediment and Soil Adsorption/Desorption Isotherm	796.2750	none	106
835.1230	Adsorption/Desorption (Batch Equilibrium)	none	163-1	106
835.1240	Leaching Studies	none	163-1	312
835.1410	Laboratory Volatility	none	163-2	none
835.2110	Hydrolysis as a Function of pH [SUPERSEDED BY 835.2120]	796.350	none	111
835.2120	Hydrolysis [SUPERSEDES 835.2110]	none	161-1	111
835.2130	Hydrolysis as a Function of pH and Temperature	796.351	none	none
835.2210	Direct Photolysis Rate in Water by Sunlight	796.370	none	none
835.2240	Photodegradation in Water	none	161-2	none
835.2310	Maximum Direct Photolysis Rate in Air from UV/Visible Spectroscopy	796.380	none	none
835.2370	Photodegradation in Air	none	161-4	none
835.2410	Photodegradation in Soil	none	161-3	none
835.3100	Aerobic Aquatic Biodegradation	796.310	none	none
835.3110	Ready Biodegradability	796.318	none	301
835.3120	Sealed-Vessel Carbon Dioxide Production Test [SUPERSEDED BY 3140]	none	none	none
835.3140	Ready Biodegradability – CO ₂ in Sealed Vessels (Headspace Test) [SUPERSEDES 3120]	none	none	310
835.3160	Biodegradability in Sea Water	none	none	306
835.3170	Shake Flask Die-Away Test	none	none	none
835.3180	Sediment/Water Microcosm Biodegradation Test	none	none	none
835.3190	Aerobic Mineralization in Surface Water – Simulation Biodegradation Test	none	none	309



835.3200	Zahn-Wellens/EMPA Test	796.336	none	302B
835.3210	Modified SCAS Test	796.334	none	302A
835.3215	Inherent Biodegradability - Concawe Test	none	none	none
835.3220	Porous Pot Test	none	none	none
835.3240	Simulation Test—Aerobic Sewage Treatment: A. Activated Sludge Units	none	none	303
835.3260	Simulation Test—Aerobic Sewage Treatment: B. Biofilms	none	none	303
835.3280	Simulation Tests to Assess the Primary and Ultimate Biodegradability of Chemicals Discharged to Wastewater	none	none	314
835.3300	Soil Biodegradation	796.340	none	304A
835.3400	Anaerobic Biodegradability of Organic Chemicals	796.314	none	none
835.3420	Anaerobic Biodegradability of Organic Compounds in Digested Sludge: By Measurement of Gas Production	none	none	311
835.4100	Aerobic/Anaerobic Soil Metabolism	none	162-1	307
835.4300	Aerobic/Anaerobic Aquatic Metabolism	none	162-3	308
835.5045	Modified SCAS Test for Insoluble and Volatile Chemicals	795.450	none	none
835.5154	Anaerobic Biodegradation in the Subsurface	795.540	none	none
835.5270	Indirect Photolysis Screening Test: Sunlight Photolysis in Waters Containing Dissolved Humic Substances	795.700 0	none	none
835.6100	Terrestrial Field Dissipation	none	164-1	none
835.6200	Aquatic (Sediment) Field Dissipation	none	164-2	none
835.6300	Forestry Dissipation	none	164-3	none
835.6400	Combination and Tank Mixes Field Dissipation	none	164-4	none
835.7100	Guidance for Prospective Ground-Water Monitoring Studies	none	166-1	none
835-8100	Field Volatility	none	163-3	none

Residue Chemistry

OCSP Guideline No.	Guideline Names	Other Reference Numbers		
		OPPT	OPP	OECD
860.1300	Nature of the Residue—Plants, Livestock	none	171-4a,b	none
860.1340	Residue Analytical Method	none	171-4c,d	none
860.1360	Multi-residue method	none	171-4m	none
860.1380	Storage Stability Data	none	171-4e	none
860.1400	Water, Fish, and Irrigated Crops	none	171-	none
860.1460	Food Handling	none	171-4i	none
860.1480	Meat/Milk/Poultry/Eggs	none	171-4j	none
860.1500	Crop Field Trials	none	171-4k	none
860.1520	Processed Food/Feed	none	171-4l	none
860.1550	Proposed Tolerances	none	171-6	none
860.1560	Reasonable Grounds in Support of the Petition	none	171-7	none
860.1650	Submittal of Analytical Reference Standards	none	171-13	none
860.1850	Confined Accumulation in Rotational Crops	none	165-1	none
860.1900	Field Accumulation in Rotational Crops	none	165-2	none

Health Effects

OCSPP Guideline No.	Guideline Names	Other Reference Numbers		
		OPPT	OPP	OECD
870.1100	Acute Oral Toxicity (AOT)	798.1175	81-1	401, 420, 423, 425
870.1200	Acute Dermal Toxicity	798.1100	81-2	402
870.1300	Acute Inhalation Toxicity	798.1150	81-3	403
870.2400	Acute Eye Irritation	798.4500	81-4	405
870.2500	Acute Dermal Irritation	798.4470	81-5	404
870.2600	Skin Sensitization	798.4100	81-6	406
870.3050	Repeated Dose 28-day Oral Toxicity Study in Rodents	none	none	407
870.3100	90-Day Oral Toxicity in Rodents	798.2650	82-1	408
870.3150	90-Day Oral Toxicity in Nonrodents	none	82-1	409
870.3200	21/28-Day Dermal Toxicity	none	82-2	410
870.3250	90-Day Dermal Toxicity	798.2250	82-3	411
870.4100	Chronic Toxicity	798.3260	83-1	452
870.4200	Carcinogenicity	798.3300	83-2	451
870.4300	Combined Chronic Toxicity/Carcinogenicity	798.3320	83-5	453
870.6200	Neurotoxicity Screening Battery	798.6050,	81-8,	424
870.7200	Companion Animal Safety	none	none	none
870.7485	Metabolism and Pharmacokinetics	798.7485	85-1	417
870.7600	Dermal Penetration	none	85-3	none
870.8223	Pharmacokinetic Test	none	none	none
870.8245	Dermal Pharmacokinetics of DGBE and DGBA	none	none	none
870.8300	Dermal Absorption for Compounds that are Volatile and Metabolized	none	none	none
870.8320	Oral/Dermal Pharmacokinetics	none	none	none
870.8500	Toxicokinetic Test	none	none	none
870.8700	Subchronic Oral Toxicity Test	none	none	none

Occupational and Residential Exposure

OCSP Guideline No.	Guideline Names	Other Reference Numbers		
		OPPT	OPP	OECD
Applicator Exposure				
875.1000	Background for Application Exposure Monitoring Test Guidelines	none	230	none
875.1100	Dermal Exposure—Outdoor	none	231	none
875.1200	Dermal Exposure—Indoor	none	233	none
875.1300	Inhalation Exposure—Outdoor	none	232	none
875.1400	Inhalation Exposure—Indoor	none	234	none
875.1500	Biological Monitoring	none	235	none
875.1600	Application Exposure Monitoring Data Reporting	none	236	none
Post Application Exposure				
875.2000	Background for Postapplication Exposure Monitoring Test Guidelines	none	130,	none
875.2100	Foliar Dislodgeable Residue Dissipation	none	132-1	none
875.2200	Soil Residue Dissipation	none	132-1	none
875.2400	Dermal Exposure	none	133-3	none
875.2500	Inhalation Exposure	none	133-4	none
875.2600	Biological Monitoring	none	235	none
875.2800	Descriptions of Human Activity	none	133-1	none
875.2900	Data Reporting and Calculations	none	134	none

Physical/Chemical Properties

OCSP ¹ Guideline No.	Guideline Names	Other Reference Numbers		
		OPPT	OPP	OECD
830.6302	Color	none	63-2	none
830.6303	Physical State	none	63-3	none
830.6304	Odor	none	63-4	none
830.6317	Storage Stability	none	63-17	113
830.6319	Miscibility	none	63-19	none
830.6320	Corrosion Characteristics	none	63-20	none
830.7000	pH	796.1450	63-12	none
830.7050	UV/Visible Absorption	796.1050	none	101
830.7100	Viscosity	none	63-18	114
830.7200	Melting Point/Melting Range	796.1300	63-5	102
830.7220	Boiling Point/Boiling Range	796.1220	63-6	103
830.7300	Density/Relative Density/Bulk Density	796.1150	63-7	109
830.7370	Dissociation Constants in Water	796.1370	63-10	112
830.7520	Particle Size, Fiber Length, and Diameter Distribution	796.1520	none	110
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method	796.1550	63-11	107
830.7560	Partition Coefficient (n-octanol/water), Generator Column Method	796.1720	63-11	non
830.7570	Partition Coefficient (n-octanol/water), Estimation by Liquid	796.1570	63-11	117
830.7840	Water Solubility: Column Elution Method; Shake Flask Method	796.1840	63-8	105
830.7860	Water Solubility, Generator Column Method	796.1860	63-8	non



Biochemicals Testing

OCSP ¹ Guideline No.	Guideline Names	Other Reference Numbers		
		OPPT	OPP	OECD
880.3800	Immune Response	none	152-24	none
880.4425	Dispenser Water Leaching	none	155-5	none

Microbial Pesticide

OCSP ¹ Guideline No.	Guideline Names	Other Reference Numbers		
		OPPT	OPP	OECD
885.2100	Chemical Identity	none	153A-4	none
885.2200	Nature of the Residue in Plants	none	153A-6	none
885.2250	Nature of the Residue in Animals	none	153A-7	none
885.2300	Analytical Methods—Plants	none	153A-8a	none
885.2350	Analytical Methods—Animals	none	153A-8b	none
885.2400	Storage Stability	none	153A-9	none
885.2500	Magnitude of Residues in Plants	none	153A-10	none
885.2550	Magnitude of Residues in Meat, Milk, Poultry, Eggs	none	153A-11	none
885.2600	Magnitude of Residues in Potable Water, Fish, and Irrigated Crops	none	153A-01	none
885.3000	Background—Mammalian Toxicity/Pathogenicity/Infectivity	none	152A-1	none
885.3050	Acute Oral Toxicity/Pathogenicity	none	152A-10	none
885.3100	Acute Dermal Toxicity/Pathology	none	152A-11	none
885.3150	Acute Pulmonary Toxicity/Pathogenicity	none	152A-12	none
885.3200	Acute Injection Toxicity/Pathogenicity	none	152A-13	none
885.3400	Hypersensitivity Incidents	none	152A-15	none
885.3500	Cell Culture	none	152A-16	none
885.3550	Acute Toxicology, Tier II	none	152A-20	none
885.3600	Subchronic Toxicity/Pathogenicity	none	152A-21	none