

Brussels, XXX
[...] (2024) XXX draft

ANNEX

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to the

Commission Delegated Decision

amending Decision 2000/532/EC on the list of waste pursuant to Directive 2008/98/EC of the European Parliament and of the Council

Disclaimer

This draft is a working document supporting the development of a targeted amendment of the list of waste to take account of the emergence of new battery chemistries and evolving manufacturing and recycling processes in the context of the new Batteries Regulation. It sets out an initial draft of the text to support the stakeholders' consultation process, in particular the Waste Expert Group meeting of 8 May 2024.

Please note that this draft has not been adopted or endorsed by the European Commission. Any views expressed are the preliminary views of DG ENV and JRC staff and may not in any circumstances be regarded as stating an official position of the European Commission.

List of Waste

Hazardous waste codes are marked with an asterisk (*)

Battery manufacturing waste

Current Waste Code		Proposal for Waste Code amendment		
16	Waste not otherwise specified in the list			
16 06	Batteries and accumulators	16 06	Wastes from the manufacture, supply and use of batteries	(mirror)
		16 06 21*	Lead-acid battery manufacturing waste containing hazardous substances (for example lead paste, lead scrap)	(mirror)
		16 06 22	Lead-acid battery manufacturing waste other than those mentioned in 16 06 21	
		16 06 23*	Lithium-based battery manufacturing waste containing hazardous substances (for example cathode cut-offs, cathode slurry)	(mirror)
		16 06 24	Lithium-based battery manufacturing waste other than those mentioned in 16 06 23 (for example anode cut-offs)	
		16 06 25*	Nickel-based battery manufacturing waste containing hazardous substances (for example liquid and solid cathode material)	(mirror)
		16 06 26	Nickel-based battery manufacturing waste other than those mentioned in 16 06 25	
		16 06 27*	Alkaline-based battery manufacturing waste containing hazardous substances	(mirror)
		16 06 28	Alkaline-based battery manufacturing other than those mentioned in 16 06 27	
		16 06 29*	Zinc-based battery manufacturing waste containing hazardous substances	(mirror)
		16 06 30	Zinc-based battery manufacturing waste other than those mentioned in 16 06 29	
		16 06 31*	Sodium-based battery manufacturing waste containing hazardous substances	(mirror)
		16 06 32	Sodium-based battery manufacturing waste other than those mentioned in 16 06 31	
		16 06 33*	Battery manufacturing waste containing hazardous substances other than those mentioned in 16 06 21, 16 06 23, 16 06 25, 16 06 27, 16 06 29 and 16 06 31	(mirror)
		16 06 34	Battery manufacturing waste other than those mentioned in 16 06 22, 16 06 24, 16 06 26, 16 06 28, 16 06 30 and 16 06 32	

Waste batteries

Current Waste Code		Proposal for Waste Code amendment	
16	Waste not otherwise specified in the list		
16 06	Batteries and accumulators	16 06	Wastes from the manufacture, supply and use of batteries
16 06 01*	Lead batteries (Pb-Acid)	16 06 01*	Waste lead-acid batteries
16 06 02*	Ni-Cd batteries (Ni-Cd)	16 06 02*	Waste nickel-cadmium batteries
16 06 03*	Mercury-containing batteries	16 06 03*	Waste mercury-containing batteries
16 06 04	Alkaline batteries (except 16.06.03*)	16 06 04*	Waste alkaline-based batteries (except 16 06 03)
16 06 05	Other batteries and accumulators	16 06 05	Waste batteries not otherwise specified other than those mentioned in 16 06 07
16 06 06*	Separately collected electrolyte from batteries and accumulators	16 06 06*	Separately collected electrolyte from waste batteries
		16 06 07*	Waste batteries not otherwise specified containing hazardous substances
		16 06 08*	Waste lithium-based batteries
		16 06 09*	Waste nickel- based batteries other than those mentioned in 16 06 02 (e.g. NiMH, Na-NiCl ₂)
		16 06 10*	Waste zinc-based batteries, including silver oxide batteries
		16 06 11*	Waste sodium-based batteries containing hazardous substances (except 16 06 13)
		16 06 12	Other waste sodium-based batteries
		16 06 13*	Waste sodium sulphur batteries
20	Municipal wastes		
20 01	Separate collected fractions (except 15 01)		
20 01 33*	Batteries and accumulators included in 16 06 01*, 16 06 02* or 16 06 03* and unsorted batteries and accumulators containing those batteries	20 01 33*	Waste batteries included in categories 16 06 01 to 16 06 04, 16 06 07 to 16 06 11, 16 06 13 and unsorted waste batteries containing those waste batteries
20 01 34	Batteries and accumulators other than those mentioned in 20 01 33*	20 01 34	Waste batteries other than those mentioned in 20 01 33

Intermediates from waste battery recycling

Current Waste Code		Proposal for Waste Code amendment	
19	Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use		
19 02	Wastes from physical/chemical treatments of waste		
		19 02 12*	Solid salts and solutions containing heavy metals from battery recycling
10	Wastes from thermal processes		
10 04	Wastes from lead thermal metallurgy		
10 04 01	Slags from primary and secondary production		
10 08	Wastes from other non-ferrous thermal metallurgy		
		10 08 21*	Slags from waste lithium-based battery recycling containing hazardous substances
		10 08 22	Slags from waste lithium-based battery recycling other than those mentioned in 10 08 21
		10 08 23*	Slags from waste nickel-based battery recycling containing hazardous substances
		10 08 24	Slags from waste nickel-based battery recycling other than those mentioned in 10 08 23
		10 08 25*	Slags from other waste battery recycling containing hazardous substances except 10 04 01
		10 08 26	Slags from other waste battery recycling other than those mentioned in 10 08 25
		10 08 27	Alloys from waste battery recycling [in massive form]
19	Waste from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use		
19 12	Wastes from the mechanical treatment of waste		
		19 12 13*	Intermediate fraction from the thermal/mechanical treatment of waste lead-acid batteries and lead-acid battery manufacturing waste containing a mixture of electrode materials
		19 12 14*	Intermediate fraction from the thermal/mechanical treatment of waste lithium-based batteries and lithium-based battery manufacturing waste containing a mixture of electrode materials
		19 12 15*	Intermediate fraction from the thermal/mechanical treatment of waste nickel-based batteries and nickel-based battery manufacturing waste containing a mixture of electrode materials
		19 12 16*	Intermediate fraction from the thermal/mechanical treatment of waste alkaline-based batteries and alkaline-based battery manufacturing waste containing a mixture of electrode materials
		19 12 17*	Intermediate fraction from the thermal/mechanical treatment of waste zinc-based batteries and zinc-based battery manufacturing waste containing a mixture of electrode materials
		19 12 18*	Intermediate fraction from the thermal/mechanical treatment of waste sodium-based batteries and sodium-based battery manufacturing waste containing a mixture of electrode materials
		19 12 19*	Intermediate fraction from the thermal/mechanical treatment of waste batteries and battery manufacturing waste containing a mixture of electrode materials, not otherwise specified in 19 12 13 to 19 12 18