

Appendix 12 to the Annex of Regulation (EU) 2018/1513

Entry 72 – Restricted substances and limits for concentration by weight in homogeneous materials

Substances	Index number	CAS number	EC number	Concentration limit by weight
Cadmium and cadmium compounds (listed in Annex XVII, entries 28, 29, 30, appendices 1 to 6)	—	—	—	1 mg/kg after extraction (expressed as a Cd metal that can be extracted from the material)
Chromium VI compounds (listed in Annex XVII, entries 28, 29, 30, appendices 1 to 6)	—	—	—	1 mg/kg after extraction (expressed as Cr VI that can be extracted from the material)
Arsenic compounds (listed in Annex XVII, entries 28, 29, 30, appendices 1 to 6)	—	—	—	1 mg/kg after extraction (expressed as As metal that can be extracted from the material)
Lead and lead compounds (listed in Annex XVII, entries 28, 29, 30, appendices 1 to 6)	—	—	—	1 mg/kg after extraction (expressed as a Pb metal that can be extracted from the material)
Benzene	601-020-00-8	71-43-2	200-753-7	5 mg/kg
Benz[a]anthracene	601-033-00-9	56-55-3	200-280-6	1 mg/kg
Benz[e]acephenanthrylene	601-034-00-4	205-99-2	205-911-9	1 mg/kg
Benzo[a]pyrene; Benzo[def]chrysene	601-032-00-3	50-32-8	200-028-5	1 mg/kg
Benzo[e]pyrene	601-049-00-6	192-97-2	205-892-7	1 mg/kg
Benzo[j]fluoranthene	601-035-00-X	205-82-3	205-910-3	1 mg/kg
Benzo[k]fluoranthene	601-036-00-5	207-08-9	205-916-6	1 mg/kg
Chrysene	601-048-00-0	218-01-9	205-923-4	1 mg/kg
Dibenzo[a,h]anthracene	601-041-00-2	53-70-3	200-181-8	1 mg/kg
α, α,α,4 tetrachorotoluol; p chlorobenzo trichloride	602-093-00-9	5216-25-1	226-009-1	1 mg/kg
α, α,α trichlorotoluol; benzotrichloride	602-038-00-9	98-07-7	202-634-5	1 mg/kg
α-chlorotoluol; benzylchloride	602-037-00-3	100-44-7	202-853-6	1 mg/kg
Formaldehyde	605-001-00-5	50-00-0	200-001-8	75 mg/kg
1,2 benzoldicarbonyl acid; Di-C 6-8 branched alkyl ester, C7 rich	607-483-00-2	71888-89-6	276-158-1	1 000 mg/kg (individually or in combination with other phthalates in this entry or in other entries in Annex XVII, which are classified in Annex VI Part 3 of Regulation (EC) no. 1272/2008 in one of the hazard classes carcinogenicity, germ cell mutagenicity or reproductive toxicity in the category 1A or 1B)
Bis(2-methoxyethyl)phthalate	607-228-00-5	117-82-8	204-212-6	1 000 mg/kg (individually or in combination with other phthalates in this entry or in other entries in Annex XVII, which are classified in Annex VI Part 3 of Regulation (EC) no. 1272/2008 in one of the hazard classes carcinogenicity, germ cell mutagenicity or reproductive toxicity in the category 1A or 1B)
Diisopentyl phthalate	607-426-00-1	605-50-5	210-088-4	1 000 mg/kg (individually or in combination with other phthalates in this entry or in other entries in Annex XVII, which are classified in Annex VI Part 3 of Regulation (EC) no. 1272/2008 in one of the hazard classes carcinogenicity, germ cell mutagenicity or reproductive toxicity in the category 1A or 1B)
Di-n-pentylphthalate (DPP)	607-426-00-1	131-18-0	205-017-9	1 000 mg/kg (individually or in combination with other phthalates in this entry or in other entries in Annex XVII, which are classified in Annex VI Part 3 of Regulation (EC) no. 1272/2008 in one of the hazard classes carcinogenicity, germ cell mutagenicity or reproductive toxicity in the category 1A or 1B)
Di-n-hexylphthalate (DnHP)	607-702-00-1	84-75-3	201-559-5	1 000 mg/kg (individually or in combination with other phthalates in this entry or in other entries in Annex XVII, which are classified in Annex VI Part 3 of Regulation (EC) no. 1272/2008 in one of the hazard classes carcinogenicity, germ cell mutagenicity or reproductive toxicity in the category 1A or 1B)
N-Methyl-2-pyrrolidone; 1-Methyl-2-pyrrolidone (NMP)	606-021-00-7	872-50-4	212-828-1	3 000 mg/kg
N,N Dimethylacetamide (DMAC)	616-011-00-4	127-19-5	204-826-4	3 000 mg/kg
N,N Dimethylformamide; dimethylformamide (DMF)	616-001-00-X	68-12-2	200-679-5	3 000 mg/kg
1,4,5,8 Tetraamino anthraquinone; C.I. Disperse blue 1	611-032-00-5	2475-45-8	219-603-7	50 mg/kg
Benzolaminium, 4,4'-(4-Iminocyclohexa 2,5-dienylidene)methylene)dianilinhydro chloride; C.I. Basic red 9	611-031-00-X	569-61-9	209-321-2	50 mg/kg
4-[4,4'-Bis(dimethylamino)benzhydryliden]cyclohexa-2,5-dien-1-ylidene]dimethylammoniumchloride; C.I. Basic Violet 3 with ≥ 0.1 % Michlers keton (EC no. 202-027-5)	612-205-00-8	548-62-9	208-953-6	50 mg/kg
4-Chlor-o-toluidinium chloride	612-196-00-0	3165-93-3	221-627-8	30 mg/kg
2-Naphthylammonium acetate	612-071-00-0	553-00-4	209-030-0	30 mg/kg
4-Methoxy-m-phenylendiammonium sulphate; 2,4-Diaminoanisole sulphate	612-200-00-0	39156-41-7	254-323-9	30 mg/kg
2,4,5 trimethylaniline -hydrochloride	612-197-00-6	21436-97-5	—	30 mg/kg
Quinoline	613-281-00-5	91-22 -5	202-051-6	50 mg/kg