
European Biocidal Products Regulation

The Biocidal Products Regulation (BPR, Regulation (EU) 528/2012) was applicable from 1 September 2013, it will be enforced on 1 September 2015.

The majority of Biocidal Products Regulation:

Objection of management:

The placing on the market and use of biocidal products, which are used to protect humans, animals, materials or articles against harmful organisms like pests or bacteria, by the action of the active substances contained in the biocidal product.

Content of management:

1. All biocidal products require an authorisation before they can be placed on the market.
2. The active substances contained in that biocidal product must be previously approved.
3. The active substances must come from the suppliers already listed in European.
4. All articles added in or processed by biocidal products such as furniture as well as the included active substances or biocidal product used are required to satisfy above conditions, otherwise the articles can't be placed in European market.

Exceptions:

1. Active substances under the review programme as well as biocidal products containing these active substances can be placed on the market while awaiting the final decision on the approval.
2. Provisional product authorisations for new active substances that are still under assessment are also allowed on the market.

Test requirement:

- Reduction of animal testing and encouraging the use of alternative testing methods.
- Introduce mandatory data sharing obligations.

Approved by and time limit:

The approval of active substances takes place at Union level. (Gettime:2 years / License Validity:10 years)

The subsequent authorisation of the biocidal products at Member State level. This authorisation can be extended to other Member States by mutual recognition. However, the new regulation also provides applicants with the possibility of a new type of authorisation at

Union level (Union authorisation).

Types of biocidal products:

BPR the biocidal products are classified into 22 biocidal product-types, grouped in four main areas. As a result of excluding biocidal products used as preservatives for food and feedstock from the scope, there is one less product type compared to the previous directive.

Number	Product-type	Description
Main group 1: Disinfectants	PT 1	Human hygiene
	PT 2	Disinfectants and algacides not intended for direct application to humans or animals
	PT 3	Veterinary hygiene
	PT 4	Food and feed area
	PT 5	Drinking water
Main group 2: Preservatives	PT 6	Preservatives for products during storage
	PT 7	Film preservatives
	PT 8	Wood preservatives
	PT 9	Fibre, leather, rubber and polymerised materials preservatives
	PT 10	Construction material preservatives
	PT 11	Preservatives for liquid-cooling and processing systems
	PT 12	Slimicides
	PT 13	Working or cutting fluid preservatives
Main group 3: Pest control	PT 14	Rodenticides
	PT 15	Avicides
	PT 16	Molluscicides, vermicides and products to control other invertebrates
	PT 17	Piscicides
	PT 18	Insecticides, acaricides and products to control other arthropods
	PT 19	Repellents and attractants
	PT 20	Control of other vertebrates
Main group 4: Other biocidal products	PT 21	Antifouling products
	PT 22	Embalming and taxidermist fluids

Approved list of active substance for biocidal products:

Substance Name	CAS No.	EC No.
(Z,E)-tetradeca-9, 12-dienyl acetate (ZE-TDA)	30507-70-1	Not applicable
1R-trans phenothrin	26046-85-5	247-431-2
4,5-Dichloro- 2-octyl-2H- isothiazol-3- one (DCOIT)	64359-81-5	264-843-8
Abamectin	71751-41-2	265-610-3
Acrolein	107-02-8	203-453-4
Alkyl (C12-16) dimethylbenzyl ammonium chloride - C12-16 ADBAC	68424-85-1	270-325-2
Alphachloralose	15879-93-3	240-016-7
Aluminium phosphide releasing phosphine	20859-73-8	244-088-0
Bacillus thuringiensis subsp. israelensis Serotype H14, Strain AM65-52	Not applicable	Micro-organism
Basic copper carbonate	12069-69-1	235-113-6
Bendiocarb	22781-23-3	245-216-8
Benzoic acid	65-85-0	200-618-2
Bifenthrin	82657-04-3	Plant protection product
Boric acid	10043-35-3	233-139-2
Boric oxide	1303-86-2	215-125-8
Brodifacoum	56073-10-0	259-980-5
Bromadiolone	28772-56-7	249-205-9
Bromoacetic acid	79-08-3	201-175-8
Carbon dioxide	124-38-9	204-696-9
Chlorfenapyr	122453-73-0	Plant protection product
Chlorophacinone	3691-35-8	223-003-0
cis-Tricos-9-ene	27519-02-4	248-505-7
Clothianidin	210880-92-5	433-460-1
Copper (II) oxide	1317-38-0	215-269-1
Copper hydroxide	20427-59-2	243-815-9
Copper sulphate pentahydrate	7758-98-7	231-847-6
Coumatetralyl	5836-29-3	227-424-0
Creosote	8001-58-9	232-287-5
Cypermethrin	52315-07-8	257-842-9
Dazomet	533-74-4	208-576-7
DDACarbonate	894406-76-9	Not applicable
Deltamethrin	52918-63-5	258-256-6
Dichlofluanid	1085-98-9	214-118-7

Didecyldimethylammonium Chloride (DDAC)	7173-51-5	230-525-2
Difenacoum	56073-07-5	259-978-4
Difethialone	104653-34-1	Plant protection product
Diflubenzuron	35367-38-5	252-529-3
Disodium octaborate tetrahydrate	12280-03-4	234-541-0
Disodium tetraborate	12267-73-1	215-540-4
Disodium tetraborate	1303-96-4	215-540-4
Etofenprox	80844-07-1	407-980-2
Fenoxycarb	72490-01-8	276-696-7
Fenpropimorph	67564-91-4	266-719-9
Fipronil	120068-37-3	424-610-5
Flocoumafen	90035-08-8	421-960-0
Flufenoxuron	101463-69-8	417-680-3
Hydrochloric acid	7647-01-0	231-595-7
Hydrogen cyanide	74-90-8	200-821-6
Imidacloprid	138261-41-3	428-040-8
Indoxacarb (enantiomeric reaction mass S:R 75:25)	Not applicable	Not applicable
IPBC	55406-53-6	259-627-5
K-HDO	66603-10-9	Not applicable
Lambda cyhalothrin	91465-08-6	415-130-7
Magnesium phosphide releasing phosphine	12057-74-8	235-023-7
Margosa extract	84696-25-3	283-644-7
Methyl nonyl ketone	112-12-9	203-937-5
Metofluthrin	Not applicable	Not applicable
N,N-diethyl- meta-toluamide (DEET)	134-62-3	205-149-7
Nitrogen	7727-37-9	231-783-9
Nonanoic acid, Pelargonic acid	112-05-0	203-931-2
Powdered corn cob	Not applicable	Not applicable
Propiconazole	60207-90-1	262-104-4
Pyriproxyfen	95737-68-1	429-800-1
Spinosad	168316-95-8	434-300-1
Sulfuryl fluoride	2699-79-8	220-281-5
Tebuconazole	107534-96-3	403-640-2
Thiabendazole	148-79-8	205-725-8
Thiacloprid	111988-49-9	Not applicable
Thiamethoxam	153719-23-4	428-650-4
Tolyfluanid	731-27-1	211-986-9
Warfarin	81-81-2	201-377-6
Warfarin sodium	129-06-6	204-929-4

Our Service for BPR:

1. Applicability assessment on European biocidal Products regulation
2. Application of new active substances
3. Supplier qualification of active substances application
4. Application of biocidal products
5. Biocidal products and articles label
6. Other consulting services

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