

1 정부의 자료제출 면제확인 대상 살생물물질(105종)

번호	살생물물질명	고유번호	기존살생물물질 신고유형	국제 평가 현황	
				EU BPR/ US FIFRA	기타
1	2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether; Piperonyl butoxide; PBO	51-03-6	⑤ 살충제	BPR PT-18	
2	Nicotine	54-11-5	① 살균제	US FIFRA	
3	Chlorocresol	59-50-7	① 살균제	BPR PT-02/ US FIFRA	
4	Ethanol	64-17-5	① 살균제 ⑤ 살충제 ⑦ 기피제	US FIFRA - -	
5	Benzoic acid	65-85-0	① 살균제 -	- BPR PT-03, 04	
6	Propan-2-ol; Isopropyl alcohol	67-63-0	① 살균제 ② 살조제 ③ 살서제 ⑤ 살충제 ⑦ 기피제	BPR PT-02 - - - -	
7	Colecalciferol; VitaminD3	67-97-0	③ 살서제	BPR PT-14/ US FIFRA	
8	Propan-1-ol; Propyl alcohol	71-23-8	① 살균제	BPR PT-02	
9	Citric acid	77-92-9	① 살균제 ② 살조제 ⑤ 살충제	BPR PT-02 - -	
10	Peracetic acid	79-21-0	① 살균제	BPR PT-02	
11	L-(+)-lactic acid	79-33-4	① 살균제 ② 살조제 ⑤ 살충제	BPR PT-02 - -	
12	Diphacinone	82-66-6	③ 살서제	US FIFRA	
13	Rotenone	83-79-4	⑤ 살충제	US FIFRA	
14	Anthraquinone	84-65-1	⑦ 기피제	US FIFRA	
15	[1,1'-Biphenyl]-2-ol; o-Phenylphenol	90-43-7	① 살균제	BPR PT-02	

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16	Naphthalene	91-20-3	⑤ 살충제 ⑦ 기피제	US FIFRA -	
17	Citronellol	106-22-9	⑤ 살충제 ⑦ 기피제	US FIFRA -	
18	1,4-Dichlorobenzene; p-Dichlorobenzene	106-46-7	⑦ 기피제	US FIFRA	
19	Metaldehyde	108-62-3	⑤ 살충제	US FIFRA	
20	Glutaraldehyde	111-30-8	① 살균제	BPR PT-02/ US FIFRA	
21	Nonanoic acid	112-05-0	① 살균제 ⑤ 살충제	BPR PT-02 -	-EU 승인제한 (PT10; 건축자재용 사용금지)
22	Methyl salicylate	119-36-8	⑦ 기피제	US FIFRA	
23	Clorofene	120-32-1	① 살균제	US FIFRA	-EU 승인제한 (PT 3; 가축용 사용금지)
24	Benzethonium chloride	121-54-0	① 살균제	US FIFRA	
25	Octanoic acid	124-07-2	① 살균제 ⑤ 살충제	- BPR PT-18	
26	Methyl anthranilate	134-20-3	⑦ 기피제	US FIFRA	
27	N,N-diethyl-meta-toluamide	134-62-3	⑤ 살충제 ⑦ 기피제	BPR PT-18 -	
28	Oxalic acid	144-62-7	① 살균제	US FIFRA	
29	Thiabendazole; 2-Thiazol-4-yl-1H-benzimidazole	148-79-8	① 살균제	US FIFRA	
30	N'-(3,4-Dichlorophenyl)-N,N-dimeth ylurea; Diuron	330-54-1	① 살균제	US FIFRA	
31	Decanoic acid	334-48-5	① 살균제 ⑤ 살충제	- BPR PT-18	
32	Calcium dihydroxide	1305-62-0	① 살균제	BPR PT-02	
33	Calcium oxide	1305-78-8	① 살균제	BPR PT-02	
34	2-Methyl-4-isothiazolin-3-one; MIT	2682-20-4	① 살균제	US FIFRA	
35	2-Hydroxy-4,4'-dichlorodiphenyleth er; DCPD	3380-30-1	① 살균제	BPR PT-02	
36	Dimethyldioctylammonium chloride	5538-94-3	① 살균제	US FIFRA	
37	Didecyl dimethyl ammonium chloride	7173-51-5	① 살균제 -	US FIFRA BPR PT-08	

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				EU BPR/ US FIFRA	기타
38	Copper	7440-50-8	① 살균제	US FIFRA	
39	Sodium hypochlorite	7681-52-9	① 살균제 ② 살조제 ③ 살서제 ⑤ 살충제	BPR PT-02 - - -	
40	Hydrogen peroxide	7722-84-1	① 살균제 ② 살조제 ③ 살서제 ⑤ 살충제 ⑦ 기피제	BPR PT-02 - - - -	
41	Copper sulphate pentahydrate	7758-99-8	① 살균제 ② 살조제	BPR PT-02 -	
42	Calcium hypochlorite	7778-54-3	① 살균제 ② 살조제	BPR PT-02 -	
43	Alkyl dimethylbenzyl ammonium chloride	8001-54-5	① 살균제 ② 살조제	US FIFRA -	
44	Calcium chloride	10043-52-4	① 살균제 ② 살조제	US FIFRA -	
45	Chlorine dioxide	10049-04-4	① 살균제 ② 살조제 ⑦ 기피제	US FIFRA - -	
46	Disodium carbonate, compound with hydrogen peroxide (2:3)	15630-89-4	① 살균제 ② 살조제	US FIFRA -	
47	1-[(Diodomethyl)sulfonyl]-4-methyl benzene	20018-09-1	① 살균제	US FIFRA	
48	Bendiocarb	22781-23-3	⑤ 살충제	BPR PT-18/ US FIFRA	
49	1R-transphenothrin; 3-Phenoxybenzyl(1R,3R)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate	26046-85-5	⑤ 살충제	BPR PT-18	
50	2-Octyl-3-(2H)-isothiazolone; OIT	26530-20-1	① 살균제 -	- BPR PT-08	
51	Bromadiolone	28772-56-7	③ 살서제	BPR PT-14 / US FIFRA	
52	Poly(oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylenedichloride; WSCP	31512-74-0	② 살조제	US FIFRA	
53	Decyldimethyloctylammonium chloride	32426-11-2	① 살균제	US FIFRA	

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				EU BPR/ US FIFRA	기타
54	diflubenzuron	35367-38-5	⑤ 살충제	BPR PT-18	
55	Cyphenothrin; α-cyano-3-phenoxybenzyl2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate	39515-40-7	⑤ 살충제	BPR PT-18	
56	Triadimefo; 1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1,2,4-triazol-1-yl)butanonen	43121-43-3	① 살균제 ⑦ 기피제	US FIFRA -	
57	Ethyl butylacetylaminopropionate	52304-36-6	⑤ 살충제 ⑦ 기피제	- BPR PT-19	
58	α-Cyano-3-phenoxybenzyl3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate; Zetacypermethrin	52315-07-8	⑤ 살충제 -	- BPR PT-08	
59	Permethrin; m-phenoxybenzyl3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate	52645-53-1	⑤ 살충제 ⑦ 기피제	BPR PT-18 -	
60	Decamethrin; α-cyano-3-phenoxybenzyl[1R-[1α(S*),3α]]-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylate	52918-63-5	⑤ 살충제	BPR PT-18	
61	N-Alkyl(5% C12, 60% C14, 30% C16, 5% C18) dimethyl benzyl ammonium chloride	53516-76-0	① 살균제	US FIFRA	
62	3-Iodo-2-propynyl butylcarbamate	55406-53-6	① 살균제 ⑤ 살충제 -	- - BPR PT-06, 08, 13	
63	5-Chloro-2-methyl-3(2H)-isothiazolone, mixt. with 2-methyl-3(2H)-isothiazolone (Mixture of CMIT/MIT)	55965-84-9	① 살균제	BPR PT-02	
64	Difenacoum; 3-(3-biphenyl-4-yl)-1,2,3,4-tetrahydro-1-naphthyl)-4-hydroxycoumarin	56073-07-5	③ 살서제	BPR PT-14	
65	1-[[2-(2,4-Dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole; Propiconazole	60207-90-1	① 살균제 -	- BPR PT-07, 09/ US FIFRA	
66	Quaternary ammonium compounds, benzylcocoalkyldimethyl, chlorides	61789-71-7	① 살균제	US FIFRA	
67	4,5-Dichloro-2-N-octyl-4-isothiazolin-3-one; DCOIT	64359-81-5	① 살균제 -	- BPR PT-08, 21	
68	S-Methoprene; Isopropyl(2E,4E,7S)-11-methoxy-3,7,11-trimethyldodeca-2,4-dienoate	65733-16-6	⑤ 살충제	BPR PT-18	

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69	(S)-Hydroprene	65733-18-8	⑤ 살충제	US FIFRA	
70	Cyromazine; N-cyclopropyl-1,3,5-triazine-2,4,6-tri amine	66215-27-8	⑤ 살충제	BPR PT-18	
71	α-Cypermethrin; [1α(S*),3α]-(α)-cyano-(3-phenoxyph enyl)methyl-3-(2,2-dichlor-oethenyl)- 2,2-dichlorovinyl)-2,2-dimethyl-cyclo propanecarboxylate	67375-30-8	⑤ 살충제	BPR PT-18	
72	Cyfluthrin; α-cyano-4-fluoro-3-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyc lopropanecarboxylate	68359-37-5	⑤ 살충제 ⑦ 기피제	BPR PT-18 -	
73	Alkyl(C12-18) dimethylbenzyl ammonium chloride; ADBAC(C12-18)	68391-01-5	① 살균제 ② 살조제	US FIFRA -	
74	Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	① 살균제 -	- BPR PT-08	
75	Imiprothrin; (2,5-dioxo-3-prop-2-ynylimidazolidi n-1-yl)methyl-2,2-dimethyl-3-(2-met hylprop-1-en-1-yl)cyclopropane-1-carb oxylate	72963-72-5	⑤ 살충제	BPR PT-18	
76	1-ethoxy-4-[2-methyl-1-[(3-phenoxy phenyl)methoxy]propan-2-yl]benzen e; Etofenprox	80844-07-1	⑤ 살충제	BPR PT-18	
77	Bifenthrin; (2-methylbiphenyl-3-yl)methylrel-(1 R,3R)-3-[(1Z)-2-chloro-3,3,3-trifluoro prop-1-en-1-yl]-2,2-dimethylcyclopr opane-carboxylate	82657-04-3	⑤ 살충제 -	- BPR PT-08	
78	Quaternary ammonium compounds, alkyl(C=12~14)[(ethylphenyl)methyl] dimethyl, chlorides	85409-23-0	① 살균제 ② 살조제	US FIFRA -	
79	Medetomidine hexaflumuron; 1-(3,5-dichloro-4-(1,1,2,2-tetrafluoro ethoxy)phenyl)-3-(2,6-difluorobenzo yl)urea	86479-06-3	① 살균제 ② 살조제 ③ 살서제 ⑤ 살충제 ⑦ 기피제	- - - BPR PT-18 -	
80	lambda-cyhalothrin	91465-08-6	⑤ 살충제 ⑦ 기피제	BPR PT-18 -	

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				EU BPR/ US FIFRA	기타
81	Bardap 26; Poly(oxy-1,2-ethanediyl),α-[2-(didec ylmethylammonio)ethyl]-ω-hydroxy- ,propanoate(salt)	94667-33-1	① 살균제 -	- BPR PT-08	
82	Difethialone; 3-[3-(4'-bromobiphenyl-4-yl)-1,2,3,4 -tetrahydronaphthalen-1-yl]-4-hydr oxy-2H-1-benzothiopyran-2-one	104653-34-1	③ 살서제	BPR PT-14/ US FIFRA	
83	1-(4-chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol; Terbuconazole	107534-96-3	① 살균제 -	- BPR PT-07, 08, 10	
84	Synthetic amorphous silicon dioxide (nano)	112926-00-8	① 살균제 -	- BPR PT-18	
85	Novaluron; N-[[[3-Chloro-4-[1,1,2-trifluoro-2-(tri fluoromethoxy)ethoxy]phenyl]amino]carbonyl]-2,6-difluorobenzamide	116714-46-6	⑤ 살충제	US FIFRA	
86	Transfluthrin; 2,3,5,6-Tetrafluorobenzyl trans-2-(2,2-dichlorovinyl)-3,3-dimet hylcyclopropanecarboxylate	118712-89-3	⑤ 살충제 ⑦ 기피제	BPR PT-18 -	
87	Fipronil; 5-amino-1-[2,6-dichloro-4-(trifluoro methyl)phenyl]-4-(trifluoromethylsul finyl)pyrazole-3-carbonitrile	120068-37-3	⑤ 살충제	BPR PT-18	
88	Chlorfenapyr; 4-Bromo-2-(4-chlorophenyl)-1-(etho xymethyl)-5-(trifluoromethyl)pyrrole -3-carbonitrile;	122453-73-0	⑤ 살충제 -	- BPR PT-08	
89	Acetamidiprid; (E)-N-[(6-Chloro-3-pyridyl)methyl]-N -cyano-N-methylacetamide	135410-20-7	⑤ 살충제	BPR PT-18	
90	Imidacloprid; 1-(6-chloropyridin-3-ylmethyl)-N-nit roimidazolidin-2-ylidenamine	138261-41-3	⑤ 살충제	BPR PT-18	
91	Amines, N-C10-16-alkyltrimethylenedi-, reaction products with chloroacetic acid; Ampholyt 20	139734-65-9	① 살균제 ② 살조제 ③ 살서제	BPR PT-02 - -	
92	Thiamethoxam; 3-(2-chloro-thiazol-5-ylmethyl)-5-m ethyl[1,3,5]oxadiazinan-4-ylidene-N- nitroamine	153719-23-4	⑤ 살충제	BPR PT-18	
93	Dinotefuran; 1-methyl-2-nitro-3-(tetrahydro-3-fur ylmethyl)guanidine	165252-70-0	⑤ 살충제	BPR PT-18	
94	Spinosad; ReactionmassofSpinosynA:(2R,3aS,5a	168316-95-8	⑤ 살충제	BPR PT-18	

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				EU BPR/ US FIFRA	기타
	R,5bS,9S,13S,14R,16aS,16bR)-2-(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-13-(4-dimethylamino-2,3,4,6-tetra-deoxy-β-D-erythro-pyranosyloxy)-9-ethyl-2,3a,5a,6,7,9,10,11,12,13,14,15,16a,16b-hexadecahydro-14-methyl-1H-8-oxacyclododeca[b]as-indacene-7,15-dioneandSpinosynD:(2R,3aS,5aR,5bS,9S,13S,14R,16aS,16bR)-2-(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-13-(4-dimethylamino-2,3,4,6-tetra-deoxy-β-D-erythro-pyranosyloxy)-9-ethyl-2,3,3a,5a,6,7,9,10,11,12,13,14,15,16a,16b-hexadecahydro-4,14-dimethyl-1H-8-oxacyclododeca[b]as-indacene-7,15-dione				
95	Penoxsulam	219714-96-2	① 살균제	US FIFRA	
96	DDACarbonate; Reaction mass of bis(N-decyl-N,N-dimethyldecan-1-aminium) carbonate and N-decyl-N,N-dimethyldecan-1-aminium hydrogen carbonate	894406-76-9	① 살균제	US FIFRA	
97	Disodium tetraborate decahydrate; Borax	1303-96-4	① 살균제 ⑤ 살충제 -	- - BPR PT-08	
98	Copper monoxide	1317-38-0	① 살균제 ② 살조제 -	US FIFRA - BPR PT-08	
99	Dicopper oxide	1317-39-1	① 살균제 ② 살조제	US FIFRA -	
100	Iodine	7553-56-2	① 살균제 -	- BPR PT-01, 03, 04, 22	
101	Sodium chlorate	7775-09-9	① 살균제	US FIFRA	
102	Chlorine	7782-50-5	① 살균제	BPR PT-02	
103	Fats and Glyceric oils, margosa	8002-65-1	⑤ 살충제	US FIFRA	
104	(Z,E)-tetradeca-9,12-dienylacetate	30507-70-1	⑦ 기피제	BPR PT-19	
105	Pyriproxyfen; 2-(1-methyl-2-(4-phenoxyphenoxy)ethoxy)pyridine	95737-68-1	⑤ 살충제	BPR PT-18	

② 정부의 자료제출 면제확인 대상이지만 **유해성이 높아 승인이 제한될 수 있는 살생물물질(10종)**

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1	Formaldehyde; Formalin	50-00-0	① 살균제 ⑧ 제품보존용 보존제 ⑨ 제품표면 처리용 보존제 ⑭ 사체·박제용 보존제	US FIFRA - - -	-중점관리물질 : CMR 물질 -제한물질 ¹⁾
2	Thiram	137-26-8	⑨ 제품표면 처리용 보존제 ⑫ 건축자재용 보존제 ⑮ 선박·수중 시설용 오염방지제 -	- - - US FIFRA (repellents)	-로테르담 협약 관리물질
3	Disodium tetraborate, anhydrous	1330-43-4	⑤ 살충제 ⑬ 재료·장비용 보존제	BPR PT-08 -	-중점관리물질 : CMR 물질
4	Coumatetralyl	5836-29-3	③ 살서제 ④ 기타 척추동물 제거제	BPR PT-14 -	-중점관리물질 : CMR, STOT 물질
5	Creosote; Creosote oil	8001-58-9	⑪ 목재용 보존제	BPR PT-08/ US FIFRA	-중점관리물질 : CMR 물질
6	Boric acid	10043-35-3	① 살균제 ⑤ 살충제 ⑧ 제품보존용 보존제 ⑪ 목재용 보존제 ⑬ 재료·장비용 보존제	- - - BPR PT-08 -	-중점관리물질 : CMR 물질
7	Boronsodiumoxide(B4Na2O7), pentahydrate	12179-04-3	⑤ 살충제 ⑪ 목재용 보존제 ⑬ 재료·장비용 보존제	- BPR PT-08 -	-중점관리물질 : CMR 물질

8	Polyhexamethylene biguanide hydrochloride; PHMB	27083-27-8, 32289-58-0	① 살균제 ⑨ 제품표면처리용 보존제 ⑫ 건축자재용 보존제	BPR PT-02 - -	-중점관리물질 : STOT
9	Brodifacoum; 4-hydroxy-3-(3-(4'-bromo-4-biphenyl)-1,2,3,4-tetrahydro-1-naphthyl)coumarin	56073-10-0	③ 살서제 ④ 기타척추동물 제거제	BPR PT-14/ US FIFRA -	-중점관리물질 : CMR, STOT
10	Flocoumafen	90035-08-8	③ 살서제 ④ 기타척추동물 제거제 ⑤ 살충제	BPR PT-14 - -	-중점관리물질 : CMR, STOT

¹⁾ 「화학물질의 등록 및 평가 등에 관한 법률」 제27조에 따른 제한물질