

The table below provides the initial ranking of substances and substance groups produced under step 7. The ranking is based on the sum, or “global score”, of the weighted scores awarded against the criteria hazard, exposure and public concern.

This ranking fed into the discussions with the EU Policy Board and the HBM4EU Management Board under step 9. The scores were subsequently revised to reflect feedback provided in that meeting, as well as feedback emerging from the consultation under step 8.

Substances shaded in blue are to be monitored under the multi-annual Community control programme for 2018, 2019 and 2020, see [Commission Implementing Regulation \(EU\) 2017/660](#).

Rank	Name	Hazard score	Exposure score	Public concern score	Global score	Category
1	Arsenic inorganic compounds	27.2	38	9	74.2	B
2	Lead (Group: Lead & its compound)	25.3	36	9	70.3	A
3	Acrylamide	23.2	36.8	5.4	65.4	B
4	Aflatoxin B1 (Group: Mycotoxins)	30.8	27.2	5.4	63.4	B
5	Chlorpyrifos	13.3	29.2	20	62.5	B
6	Pyrethroids	17.2	27.2	18	62.4	B
7	Dimethoate	12.8	31.2	18	62	C
8	Permethrin (Group: Pyrethroids)	14	28	18	60	B
9	Mercury (Group: Mercury & its organic compounds)	18.8	30	10.8	59.6	A
10	Glyphosate	13.2	32	12.8	58	C
11	BP-3 (Group: UV filters-Benzophenones)	15.2	30.8	9	55	B
12	DDAC (Group: QACs)	9.2	32.8	12.8	54.8	C
13	4,4-MDI, 2,4-TDI & 2,6-TDI (Group: Diisocyanate)	18.8	28	7.2	54	C
14	Nano Titane dioxide (Group: Nanos)	16	26.8	10.8	53.6	D



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Rank	Name	Hazard score	Exposure score	Public concern score	Global score	Category
15	Deoxynivalenol (Group: Mycotoxins)	18	28	5.4	51.4	C
16	Methylmercury (Group: Mercury & its organic compounds)	18.7	22.7	9	50.4	B
17	D4 (Cyclic Siloxanes)	5.6	33.2	11	49.8	C
18	N,N-dimethylformamide (DMF) (Group: Reprotoxic aprotic solvents)	16	30	3.6	49.6	B
19	Nano Silver (Group: Nanos)	14	26	9	49	D
20	BHT	14	32.8	1.8	48.6	C
21	Fipronil	16.8	25.2	3.6	45.6	C
22	Perchlorate	13.2	30	1.8	45	C
23	1-methyl-2-pyrrolidone (NMP) (Group: Reprotoxic aprotic solvents)	12	27.2	3.6	42.8	B
24	Fumonisin B1 (Group: Mycotoxins)	17.2	20	5.4	42.6	C
25	BENPAT (Group: Substituted phenylenediamines)	15.2	25.2	0	40.4	D
26	UV-328 (Group: Phenolic benzotriazoles)	10.4	26.8	1.8	39	C
27	Carbon nanotube (CNTs) (Group: Nanos)	10.8	18	9	37.8	D
28	POE-tallowamine	12	20	3.6	35.6	C
29	N,N-diethyl-m-toluamide (DEET)	6.8	25.2	0	32	C



The table below provides the ranking of substances and substance groups within each category on the basis of their global score against the criteria hazard, exposure and public concern

Rank	Name	Hazard score	Exposure score	Public concern score	Global score	Category
1	Lead (Group: Lead & its compound)	25.3	36	9	70.3	A
2	Mercury (Group: Mercury & its organic compounds)	18.8	30	10.8	59.6	A
1	Arsenic inorganic compounds	27.2	38	9	74.2	B
2	Acrylamide	23.2	36.8	5.4	65.4	B
3	Aflatoxin B1 (Mycotoxins)	30.8	27.2	5.4	63.4	B
4	Chlorpyrifos	13.3	29.2	20	62.5	B
5	Pyrethroids	17.2	27.2	18	62.4	B
6	Permethrin (Group: Pyrethroids)	14	28	18	60	B
7	BP-3 (Group: UV filters-Benzophenones)	15.2	30.8	9	55	B
8	Methylmercury (Group: Mercury & its organic compounds)	18.7	22.7	9	50.4	B
9	N,N-dimethylformamide (DMF) (Group: Reprotoxic aprotic solvents)	16	30	3.6	49.6	B
10	1-methyl-2-pyrrolidone (NMP) (Group: Reprotoxic aprotic solvents)	12	27.2	3.6	42.8	B
1	Dimethoate	12.8	31.2	18	62	C
2	Glyphosate	13.2	32	12.8	58	C



Rank	Name	Hazard score	Exposure score	Public concern score	Global score	Category
3	DDAC (QACs)	9.2	32.8	12.8	54.8	C
4	Diisocyanates (4,4-MDI, 2,4-TDI & 2,6-TDI)	18.8	28	7.2	54	C
5	Deoxynivalenol (Group: Mycotoxins)	18	28	5.4	51.4	C
6	D4 (Cyclic Siloxanes)	5.6	33.2	11	49.8	C
7	BHT	14	32.8	1.8	48.6	C
8	Fipronil	16.8	25.2	3.6	45.6	C
9	Perchlorate	13.2	30	1.8	45	C
10	Fumonisin B1 (Group: Mycotoxins)	17.2	20	5.4	42.6	C
11	UV 328 (Group: Phenolic benzotriazoles)	10.4	26.8	1.8	39	C
12	POE-tallowamine	12	20	3.6	35.6	C
13	N,N-diethyl-m-toluamide (DEET)	6.8	25.2	0	32	C
1	Nano Titane dioxide (Group: Nanos)	16	26.8	10.8	53.6	D
2	Nano Silver (Group: Nanos)	14	26	9	49	D
3	BENPAT (Substituted phenylenediamines)	15.2	25.2	0	40.4	D
4	Carbon nanotube (CNTs) (Group: Nanos)	10.8	18	9	37.8	D