SPERC update 2019

changes in green

Jan-20 *1/06/2020*

NBR ESIG WEBISTE	SPERC nbr	name	Factor Adjustments								Release Factor	
			Use Conditions		Air Release		Water Release		Soil Release		Qualitative (expert judgement)	Quantitative (calc. or specific ref.)
			Old Value	New Value	Old Value	New Value	Old Value	New Value	Old Value	New Value		
1 - industrial	ESVOC SPERC 1.1.v2	1_Manufacture of substance		no change		no change		no change		no change		x
2 - industrial	ESVOC SPERC 2.2.v2	2_Formulation & (re)packing of substances and mixtures		no change		no change		no change		no change		x
3 - industrial	ESVOC SPERC 6.1a.v2	3_Use as an intermediate		no change		no change		no change		no change		x
4 - industrial	ESVOC SPERC 4.1.v2	4_Use as a processing aid and/or an extraction solvent	local use rate-5,000 kg/day	local use rate-50,000 kg/day		no change		no change		no change		x
5 - industrial	ESVOC SPERC 4.3a.v2	5_ Use in coatings		no change		no change		no change		no change		x
5 - professional /wide dispersive	ESVOC SPERC 8.3b.v2			no change		no change		no change		no change		x
5 - consumer/wide dispersive,	ESVOC SPERC 8.3c.v2			no change		no change		no change		no change		x
6 - industrial	ESVOC SPERC 4.4a.v3	6_Cleaning agents		no change		no change		no change		no change	x	
6 - professional	ESVOC SPERC 8.4b.v3			no change	2	4		no change	0	0,00002	x	
6 - consumer	ESVOC SPERC 8.4c.v2			no change		no change		no change		no change	x	
8 industrial	ESVOC SPERC 4.6a.v2	8_Use in lubricants	local use rate-5,000 kg/day emission days-20 days	local use rate-50,000 kg/day emission days-300 days		no change		no change		no change		x
8 - Professional/wide dispersive, high release	ESVOC SPERC 8.6c.v2			no change		no change		no change		no change	x	
8 - Professional/wide dispersive, low release	ESVOC SPERC 9.6b.v2			no change	1%	5%		no change		no change		x
8 - Consumer/wide dispersive, high release	ESVOC SPERC 8.6e.v2			no change		no change		no change		no change	x	
8 - Consumer/wide dispersive, low release	ESVOC SPERC 9.6d.v2			no change	1%	5%		no change		no change		x
9 - industrial	ESVOC SPERC 4.7a.v3	9_Use in metal working fluids/rolling oils		no change	2%	5%					x	
9 - professional	ESVOC SPERC 8.7c.v2			no change		no change		no change		no change	x	
10 - industrial	ESVOC SPERC 4.9.v3	10_Use as blowing agents		no change		no change	<1 mg/L: 0.0001 1-10 mg/L: 0.0003 10-100 mg/L: 0.003 100-1000 mg/L: 0.03 >1000 mg/L: 0.1	<1 mg/L: 0.001 1-10 mg/L: 0.004 10-100 mg/L: 0.04 100-1000 mg/L: 0.4 >1000 mg/L: 1.2		no change	x	
11 - industrial	ESVOC SPERC 4.10a.v3	11_Binders and release agents		no change		no change	<1 mg/L: 0.00001 1-10 mg/L: 0.00003 10-100 mg/L: 0.0003 100-1000 mg/L: 0.003 >1000 mg/L: 0.01	<1 mg/L: 0.005 1-10 mg/L: 0.017 10-100 mg/L: 0.17 100-1000 mg/L: 1.67 >1000 mg/L: 5			x	
11 - professional	ESVOC SPERC 8.10b.v2			no change		no change		no change		no change	x	
12- professional	ESVOC SPERC 8.11a.v2	12_Agrochemical use		no change		no change		no change		no change	x	
12 - consumer	ESVOC SPERC 8.11b.v2			no change		no change		no change		no change	x	
13 - industrial	ESVOC SPERC 7.12a.v3	13_Use as fuel		no change	<1000 Pa: 0.5	<1000 Pa: 0.6		no change	0	0,0004	x	
13 - professional	ESVOC SPERC 9.12b.v3			no change	>5000 Pa: 1 500-5000 Pa: 0.1 <500 Pa: 0.01	0.5 for all	0,001	0,0001	0,001	0,025	x	
13 - consumer	ESVOC SPERC 9.12c.v3			no change	>5000 Pa:1 500-5000 Pa: 0.1 <500Pa: 0.01	>5000 Pa: 0.4 500-5000 Pa: 0.2 <500 Pa: 0.01	0,001	0,00002	0,001	0,005	x	
14 - industrial	ESVOC SPERC 7.13a.v2	14_Functional fluids		no change		no change		no change		no change		x
14 - professional - wide dispersive	ESVOC SPERC 9.13b.v2			no change		no change	2,50%	5%	2,50%	5%	x	
14 - consumer - wide dispersive	ESVOC SPERC 9.13c.v2			no change		no change	2,50%	5%	2,50%	5%	x	
15 - professional	ESVOC SPERC 8.14a.v2	15_De-icing applications		no change		no change		no change		no change	x	
15 - consumer	ESVOC SPERC 8.14b.v2			no change		no change		no change		no change	x	
16 - professional	ESVOC SPERC 8.15.v2	16_ Construction applications		no change		no change		no change		no change	x	
17 - professional	ESVOC SPERC 8.17.v2	17_Laboratory reagents		no change		no change		no change		no change	x	
18 - industrial	ESVOC SPERC 2.18a.v3	18_Use in explosives manufacturing			0,05%	0,50%	<1 mg/L: 0.0001 1-10 mg/L: 0.0003 10-100 mg/L: 0.003 100-1000 mg/L: 0.03 >1000 mg/L: 0.1	<1 mg/L: 0.0002 1-10 mg/L: 0.0007 10-100 mg/L: 0.007 100-1000 mg/L: 0.07 >1000 mg/L: 0.2		no change	x	
19 - industrial	ESVOC SPERC 4.19a.v3	19_Use in rubber production and processing		no change		no change	<1 mg/L: 0.001 1-10 mg/L: 0.003 10-100 mg/L: 0.03 100-1000 mg/L: 0.3 >1000 mg/L: 1.0	no change to keep consitency		no change	x	
20 - industrial	ESVOC SPERC 3.22a.v3	20_ Water treatment chemical use		no change	5%	0,03%	95%	82%			x	
20 - professional/wide dispersive	ESVOC SPERC 8.22b.v2		0.004 kg/day	value supplied by user		no change		no change		no change	x	
20 - consumer/wide dispersive	ESVOC SPERC 8.22c.v2		0.004 kg/day	value supplied by user		no change		no change		no change	x	
21 - industrial	ESVOC SPERC 4.23.v2	21_ Use in mining operations		no change		no change		no change		no change		x
22 industrial	ESVOC SPERC 4.21a.v2	22_Polymer processing		no change		no change		no change		no change		x
22 -professional	ESVOC SPERC 8.21b.v2			no change		no change		no change		no change	x	