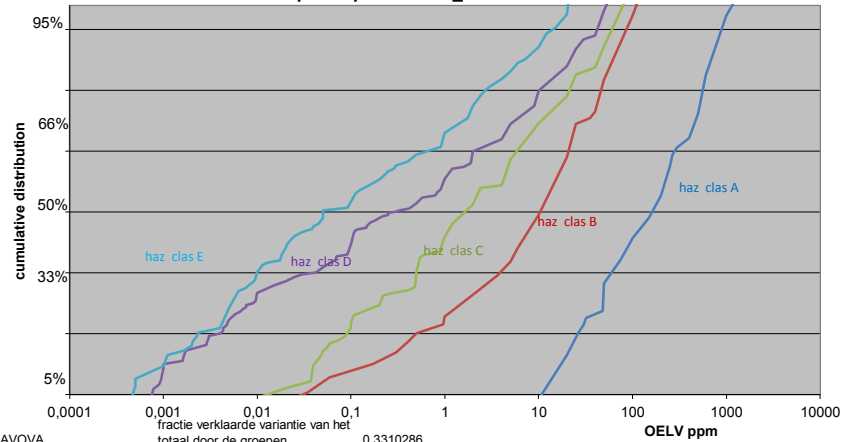


Descriptives of the OEL distributions per COSHH hazard class

COSHH hazard group	# of ppm OEL analyzed	GM		GSD		GMg		GSDg		df_g	k	k_g	Lowest OEL	distribution free OEL 10%	log-Normal OEL10%	censored log-Normal OELg10%	proposed kickoff 2014	COSHH Control band ppm	Highest OEL	distribution free OEL 90%	log-Normal OEL 90%	censored log-Normal OELg 90%	unit	Lognormal spread range 90%/10%	non Par spread range 90%/10%
5=E	134	0,10	32,21	0,10	30,14	132	1,288	1,288	6,04744E-07	0,001265028	0,001125729	0,0012608	0,001	-	650	10	8,92163239	8,41446113	ppm	7925,20	7904,97				
4=D	225	0,35	34,03				1,285	0,0001	0,001709464	0,003686412	0,0001	0,0001	0,002	<0,5	200	25,811765	32,6031841	ppm	8844,15	15099,33					
3=C	148	1,42	12,98	2,11	21,64	115	1,287	1,289	0,000972699	0,045809134	0,051646715	0,0394573	0,04	0,5-5	200	25	38,7941667	112,940426	ppm	751,14	545,74				
2=B	56	6,75	13,01				1,297	0,001176523	0,285	0,23499587	0,0001	0,0001	0,2	5-50	200	75	193,911743		ppm	825,17	263,16				
0&1=A	68	156,11	4,98	110,41	3,84	53	1,294	1,298	5,00E-01	20	19,24509188	18,929484	20	50-500	5000	1000	1266,37578	644,035074	ppm	65,80	2034,77				
	631																				GM=	1233,773298			

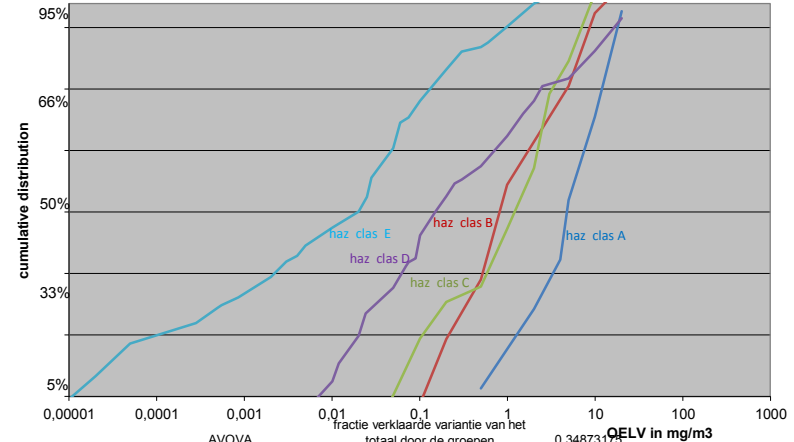
COSHH hazard group	# of mg/m3 OEL analyzed	GM		GSD		GMg		GSDg		df_g	k	k_g	Lowest OEL	distribution free OEL 10%	log-Normal OEL10%	censored log-Normal OELg10%	proposed kickoff 2014	COSHH Control band mg/m3	Highest OEL	distribution free OEL 90%	log-Normal OEL 90%	censored log-Normal OELg 90%	unit	Lognormal spread range 90%/10%	non Par spread range 90%/10%
5=E	148	0,01	35,55	0,009	32,99	149	1,287	1,287	0,000000001	0,00002	9,15365E-05	0,000102	0,00001	-	10	0,48	0,9290955	0,8527945	mg/m3	10150,00	24000,00				
4=D	93	0,29	15,04	0,27	13,05	89	1,291	1,291	0,00012	0,02	0,008723611	0,0097552	0,01	<0,01	200	10	9,91527722	7,69600643	mg/m3	1136,60	500,00				
3=C	54	0,91	6,45	1,45	10,20	44	1,298	1,301	0,00028	0,1	0,079294858	0,0683262	0,1	0,01-0,1	15	5	10,4787383		mg/m3	132,15	50,00				
2=B	31	1,09	4,38				1,310		0,1	0,2	0,152483978		0,1	0,1-1	70	5	7,76345462		mg/m3	50,91	25,00				
0&1=A	8	4,60	3,11				1,415		5,00E-01	1,55	0,837248453		1	1-10	20	13	25,2582435		mg/m3	30,17	349,96				
	334																					GM=	297,7855452		

OELV distributions vapours per COSHH_H hazard class



AVOVA	fractie verklaarde variantie van het totaal door de groepen	0,3310286
	P-waarde	2,356E-53
K-W	p-value	7,907E-47
regressie untransformed	coef	-77,82684
	5%	-96,70006
	95%	-58,95362
	p-value	2,908E-15
	intercept=cut-off point	327,95383
	pvalue	3,259E-19
regressie log transformed	coef	-0,747535
	5%	-0,833237
	95%	-0,661832
	decrease multiplier per hazard class	0,1788402 0,1468 0,218
	p-value	2,881E-54
	cut-off point	2,5683554
	p-value	2,02E-48
Page	Page test / Upper-tailed test:	15,839032
	L*	7685,2

OELV distributions solids per COSHH_H grouped hazard classification



AVOVA	fractie verklaarde variantie van het totaal door de groepen	0,34873175
	p-Value	1,3479E-29
K-W	pvalue	2,7213E-27
regressie untransformed	coef	-1,3405207
	5%	-2,9753108
	95%	0,29426936
	p-value	0,1076894
	intercept=cut-off point	8,98005678
	pvalue	0,01016172
regressie log transformed	coef	-0,7852408
	5%	-0,9151538
	95%	-0,653279
	decrease multiplier per hazard class	0,16396803 0,121575533 0,221142467
	p-value	1,8982E-27
	snijpunt	2,11211103
	pvalue	2,1339E-13
Page	Page test / Upper-tailed test:	12,8783577
	p-value	L* 4505,6

COSHH 2009		Kick-off OEL's based on the Allocation of R-phrase or GHS phrase to Hazard Group, including the CLP-GHS hazard H-statements and groups [A through E] on page 23 of Coshh_HR.DSD_CLP_GHS.metCB.EssentialsTechnical Basis.0909.pdf					
hazard group	E	D	C	B	A		
H-Phrase grouping in COSHH 2009 table 3 page 5 (H318 removed from A)	H334, H340, H341, H350	H300, H310, H330, H351,	H301, H311, H314, H317, H318, H331, H335, H370, H373	H302, H312, H332, H371	H303, H304, H305, H313, H315, H316, H319, H320, H333, H336 and all H-numbers not otherwise listed		
Kick-off level for gas/vapor in ppm	0,001	0,002	0,04	0,2	20		
Kick-off level for dusts in mg/m3	0,00001	0,01	0,1	0,1	1		
COSHH Control band ppm	-	<0,5	0,5-5	5-50	50-500		
COSHH Control band mg/m3	-	<0,01	0,01-0,1	0,1-1	1-10		
# of ppm OEL analyzed		134	225	148	56	68	631
# of mg/m3 OEL analyzed		148	93	54	31	8	334

