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RE: Revised Triangle Laboratories Data

REDACTED

SPI-07747

SPI VINYL INSTITUTE -- TRIANGLE LABORATORIES OF RTP
POLYVINYL CHLORIDE PIPE RESIN ANALYSES
1/20/95 REVISED DATA -- DETECTION LIMITS (ng/kg) (ppt)

CONGENER	MDL ^{a/}	101	111	117	122	124	130-1	147	159	161	169-1	169-2
2,3,7,8 TCDF	(0.3)	(0.5)	(0.5)	(0.7)	(0.4)	(0.6)	(0.3)	(0.5)	(0.7)	(0.6)	(0.3)	(0.3)
TOTAL TCDF's	(0.3)	(0.5)	(0.5)	(0.7)	(0.4)	(0.6)	(0.3)	(0.5)	(0.7)	(0.6)	(0.3)	(0.3)
1,2,3,7,8 PeCDF	(0.4)	(0.6)	(0.6)	(0.9)	(0.5)	(0.8)	(0.3)	(0.8)	(1.0)	(0.8)	(0.4)	(0.4)
2,3,4,7,8 PeCDF	(0.4)	(0.6)	(0.6)	(0.8)	(0.5)	(0.8)	(0.3)	(0.7)	(1.0)	(0.8)	(0.4)	(0.4)
TOTAL PeCDF	(0.4)	(0.6)	(0.6)	(0.8)	(0.5)	(0.8)	(0.3)	(0.8)	(1.0)	(0.8)	(0.4)	(0.4)
1,2,3,4,7,8 HxCDF	(0.4)	(0.7)	(0.5)	(0.9)	(0.4)	(0.5)	(0.3)	(0.7)	(0.8)	(1.5)	(0.5)	(0.3)
1,2,3,6,7,8 HxCDF	(0.3)	(0.6)	(0.4)	(0.7)	(0.3)	(0.4)	(0.2)	(0.5)	(0.6)	(1.0)	(0.2)	(0.2)
2,3,4,6,7,8 HxCDF	(0.4)	(0.7)	(0.5)	(0.8)	(0.4)	(0.4)	(0.2)	(0.6)	(0.8)	(1.2)	(0.3)	{0.19}
1,2,3,7,8,9 HxCDF	(0.4)	(0.8)	(0.6)	(0.9)	(0.4)	(0.5)	(0.3)	(0.7)	(0.9)	(1.4)	(0.3)	(0.3)
TOTAL HxCDF	(0.4)	(0.7)	(0.5)	(0.8)	(0.4)	(0.4)	(0.2)	(0.6)	(0.8)	(1.2)	(0.3)	{0.19}
1,2,3,4,6,7,8 HpCDF	(0.3)	(0.7)	(0.5)	(0.8)	(0.4)	(0.4)	(0.3)	(0.7)	(0.9)	(2.2)	(0.2)	(0.3)
1,2,3,4,7,8,9 HpCDF	(0.5)	(1.1)	(0.7)	(1.2)	(0.6)	(0.6)	(0.4)	(1.1)	(1.3)	(3.8)	(0.4)	(0.4)
TOTAL HpCDF	(0.4)	(0.9)	(0.6)	(1.0)	(0.5)	(0.5)	(0.3)	(0.9)	(1.0)	(2.8)	(0.3)	(0.3)
OCDF	(0.7)	(1.5)	(1.0)	(1.6)	(1.1)	(1.1)	(0.5)	(1.6)	(2.6)	(8.6)	(0.6)	(0.6)
2,3,7,8 TCDD	(0.5)	(0.6)	(0.7)	(0.9)	(0.5)	(0.8)	(0.3)	(0.7)	(1.0)	(0.7)	(0.4)	(0.5)
TOTAL TCDD	(0.5)	(0.6)	(0.7)	(0.9)	(0.5)	(0.8)	(0.3)	(0.7)	(1.0)	(0.7)	(0.4)	(0.5)
1,2,3,7,8 PeCDD	(0.7)	(1.0)	(1.0)	(1.4)	(0.8)	(1.1)	(0.4)	(1.4)	(1.7)	(1.6)	(0.6)	(0.6)
TOTAL PeCDD	(0.7)	(1.0)	(1.0)	(1.4)	(0.8)	(1.1)	(0.4)	(1.4)	(1.7)	(1.6)	(0.6)	(0.6)
1,2,3,4,7,8 HxCDD	(0.6)	(1.0)	(0.9)	(1.3)	(0.7)	(0.9)	(0.4)	(1.1)	(1.5)	(2.6)	(0.5)	(0.5)
1,2,3,6,7,8 HxCDD	(0.5)	(0.9)	(0.8)	(1.2)	(0.6)	(0.8)	(0.4)	(1.0)	(1.4)	(2.0)	(0.4)	(0.4)
1,2,3,7,8,9 HxCDD	(0.6)	(1.0)	(0.8)	(1.2)	(0.7)	(0.8)	(0.4)	(1.1)	(1.4)	(2.3)	(0.5)	(0.5)
TOTAL HxCDD	(0.6)	(1.0)	(0.8)	(1.2)	(0.7)	(0.8)	(0.4)	(1.1)	(1.5)	(2.3)	(0.5)	(0.5)
1,2,3,4,6,7,8, HpCDD	(0.8)	(1.4)	(1.0)	(1.6)	(0.9)	(1.0)	(0.6)	(1.5)	(1.9)	(3.5)	(0.6)	(0.6)
TOTAL HpCDD	(0.8)	(1.4)	(1.0)	(1.6)	(0.9)	(1.0)	(0.6)	(1.5)	(1.9)	(3.5)	(0.6)	(0.6)
OCDD	{1.3} b/	(2.0)	(1.3)	(2.1)	(1.4)	4.4 b/	(0.7)	(2.0)	(3.4)	(9.6)	(0.8)	(0.7)

a/ Minimum Detection Limit for blanks.

b/ "[1.3]" indicates Estimated Maximum Potential Concentration (EMPC). The laboratory deemed a difference between the EMPC and sample 124 readings for OCDD to be statistically insignificant. Detection of OCDD in sample 124 supports the conclusion that the EMPC figures for the blank are in fact OCDD.