

Supplemental Table 1. Select histopathological lesions in the lungs of female rats and mice exposed to metalworking fluids

Lung Lesion	Exposure Concentration (mg/m ³)					
	0	25	50	100	200	400
Female Rats						
<i>Fibrosis</i>						
Trim VX	0	0	10**(1.0)	10**(1.0)	10**(1.0)	10**(2.0)
<i>Inflammation, chronic active</i>						
Trim VX	3 (1.0)	0	9**(1.1)	10**(1.0)	10**(1.1)	10**(2.0)
<i>Infiltration cellular, histiocyte</i>						
Cimstar 3800	0	0	0	0	10**(1.0)	10**(1.0)
Syntilo 1023	0	0	0	4*(1.5)	7**(1.3)	9**(2.0)
Trim SC210	0	0	1 (1.0)	0	8**(1.0)	10**(1.0)
Trim VX	0	0	1 (1.0)	10**(1.3)	10**(1.9)	10**(2.0)
Female Mice						
<i>Fibrosis</i>						
Trim VX	0	0	0	10**(1.0)	10**(1.7)	10**(2.9)
<i>Bronchiole, hyperplasia</i>						
Cimstar 3800	0	10**(1.0)	10**(1.0)	10**(2.0)	10**(1.8)	10**(2.0)
Trim SC210	0	0	0	0	2 (1.0)	10**(2.0)
Trim VX	0	0	4*(1.0)	10**(1.4)	10**(2.0)	10**(2.9)
<i>Bronchiole, goblet cell hyperplasia</i>						
Syntilo 1023	0	0	0	1 (2.0)	1 (3.0)	3 (3.0)
<i>Inflammation, perivascular, chronic active</i>						
Cimstar 3800	0	0	1 (1.0)	6 *(1.0)	8**(1.0)	3 (1.0)
Syntilo 1023	0	0	0	1 (2.0)	1 (2.0)	3 (3.0)
Trim SC210	0	0	1 (2.0)	0	7**(1.0)	10**(1.7)
<i>Inflammation, chronic active</i>						
Trim VX	1 (1.0)	0	2 (1.0)	10**(1.4)	10**(2.2)	10**(3.0)
<i>Infiltration cellular, histiocyte</i>						
Cimstar 3800	0	0	0	1 (1.0)	0	0
Syntilo 1023	0	0	0	0	1 (2.0)	3 (2.7)
Trim SC210	0	0	0	0	9**(1.0)	10**(1.6)
Trim VX	0	0	1 (1.0)	5**(1.4)	9**(1.1)	10**(1.8)

* Significantly different ($P \leq 0.05$) from the chamber control group by the Fisher exact test; ** $P \leq 0.01$

^a Number with lesion (n = 10/group)

^b Number in parentheses indicates mean severity of lesion (1 = minimal, 2 = mild, 3 = moderate, 4 = marked)

Note: If the test article is not associated with the noted lesion then it is not listed in the table.