

Personnel Monitoring Results for Methyl Chloride, Chlorinated Methane Products, Block 46, Plaquemine, La, September 1997

Date	Employee ID	Sampling Period	Sample Duration (min)	Methylene Chloride		Comments
				Monitored Concentration (ppm)	Full-Shift TWA* (ppm)	
Operator - 8 HR SHIFT						
9/3/97	94373	5:30 - 16:40	670	0.13	0.13	Working in the M2 area of the plant but had no contact with equipment containing MeCL.
9/3/97	94373	6:00 - 8:30	150	0.45	0.14	Collecting M2 sample for analysis. Transported sample to the in-plant lab.
9/3/97	433015	6:15 - 16:00	585	0.52	0.52	Used a Scott-O-Vista respirator to clean out a carbon tet pump. Did not handle any M2 containing equipment during the remainder of the day.
9/4/97	433015	6:30 - 14:30	480	0.21	0.21	Ran Lab Samples all day which included one M2 sample
9/4/97	94373	6:30 - 14:30	480	ND(0.09)	ND(0.09)	15:30 caught 3 chloroform smpl,1 methylene smpl, +1 carbontet smpl, 6:30 caught methyl chloride smpl,17:45 caught 2 chloroform,1 carbontet smpl,17:50 emptied 1 jug RCLS,19:00 emptied 1 jug of RCLS, caught 2 chloroform,1 carbontet smpl,20:30 caught etc.
Job Assignment Average				0.29	0.14	

OCCUPATIONAL EXPOSURE LIMIT

OSHA PEL April 1997

8-Hr TWA

25 ppm

*Full-shift TWA calculated assuming no exposure during time not sampled.

ND=None Detected at the Analytical detection limit indicated in parentheses.

DO 008236

CONFIDENTIAL

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Loader- Logistics - 8 HR SHIFT						
9/3/97	740190	6:45 - 13:40	415	13.92	12.04	Loaded three tank cars of M2 (no respirator worn)
9/3/97	98664	6:30 - 13:50	440	12.67	11.61	Loading and Sampling Tank cars (no respirator worn)
9/3/97	432056	6:30 - 13:45	435	12.66	11.47	Collected Samples from seven tank cars of M2 (no respirator worn)
9/4/97	98664	7:00 - 14:00	420	3.45	3.02	Working on the Loading Rack. Did not load any M2 cars. Collected one Sample.
Job Assignment Average				10.68	9.54	

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