

Solvent Inventory Cheylesmore

C	D	R	SHOP	DATE	LSOL	KGDC	DRUMS
1	1	8	1822	22/09/2012	0	137	0
1	1	8	1822	15/09/2012	0	145	1
1	1	8	1822	08/09/2012	0	80	0
1	1	8	1822	01/09/2012	0	143	0
1	1	8	1822	25/08/2012	0	129	0
1	1	8	1822	18/08/2012	0	152	0
1	1	8	1822	11/08/2012	0	210	0
1	1	8	1822	04/08/2012	30	181	0
1	1	8	1822	28/07/2012	0	190	0
1	1	8	1822	21/07/2012	0	298	0
1	1	8	1822	14/07/2012	0	295	0
1	1	8	1822	07/07/2012	0	183	0
1	1	8	1822	30/06/2012	0	135	0
1	1	8	1822	23/06/2012	0	165	0
1	1	8	1822	16/06/2012	0	158	0
1	1	8	1822	09/06/2012	30	159	0
1	1	8	1822	02/06/2012	0	175	0
1	1	8	1822	26/05/2012	30	127	0
1	1	8	1822	19/05/2012	0	140	0
1	1	8	1822	12/05/2012	30	135	0
1	1	8	1822	05/05/2012	0	150	1
1	1	8	1822	28/04/2012	0	142	0
1	1	8	1822	21/04/2012	0	149	0
1	1	8	1822	14/04/2012	0	165	0
1	1	8	1822	07/04/2012	0	136	0
1	1	8	1822	31/03/2012	0	120	0
1	1	8	1822	24/03/2012	0	144	0
1	1	8	1822	17/03/2012	0	135	0
1	1	8	1822	10/03/2012	0	75	0
1	1	8	1822	03/03/2012	0	140	0
1	1	8	1822	25/02/2012	0	147	0
1	1	8	1822	18/02/2012	0	218	0
1	1	8	1822	11/02/2012	0	133	0
1	1	8	1822	04/02/2012	0	146	0
1	1	8	1822	28/01/2012	0	179	0
1	1	8	1822	21/01/2012	40	158	0
1	1	8	1822	14/01/2012	0	151	0
1	1	8	1822	07/01/2012	0	89	0
1	1	8	1822	31/12/2011	0	115	0
1	1	8	1822	24/12/2011	0	192	0
1	1	8	1822	17/12/2011	0	172	0
1	1	8	1822	10/12/2011	0	192	0
1	1	8	1822	03/12/2011	0	197	0
1	1	8	1822	26/11/2011	0	125	0
1	1	8	1822	19/11/2011	0	173	0
1	1	8	1822	12/11/2011	0	209	0
1	1	8	1822	05/11/2011	0	186	0
1	1	8	1822	29/10/2011	0	167	0
1	1	8	1822	22/10/2011	0	166	0
1	1	8	1822	15/10/2011	0	209	0
1	1	8	1822	08/10/2011	0	121	0
1	1	8	1822	01/10/2011	0	60	0
Totals					160	8198	2

KEY	
DATE	Week ending date
LSOL	Litres of solvent delivered per week
KGDC	Weight of clothes cleaned per week
DRUMS	Number of still residue drums removed per week

Trained Staff	
Kelly	Mittar
Sharon	Vinyard

Solvent used(delivered) = 160 Ltrs Siloxane

Weight of Dry Cleaning = 8198 Kg

Residue removal - 2 drums x 120 ltrs = 240 Ltrs(35% allowance applied)

Site: **Cheylesmore**

Month and year: **Oct 11 to Sept 12**

Machine:

Weight of work processed (kg)

					Annual Total Weight (kg)
					a
8198					8198

Solvent used (litres)

					Annual Total (litres)
					c
160					160

Estimated still residue for year (litres)

d	240
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Still type / Allowance factor

Method of still cleaning		Waste Allowance	Total	Allowance
		e	d	f = e × d
Powder filter rake out		0.15	0	0
Ecological powder rake	x	0.35	240	84
Pumped out		0.5	0	0

Nominal Annual Solvent Use	(litres)	g = c - f	76
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Solvent emission calculation

Type of Solvent		Factor: specific gravity of solvent	Weight of work / litre of solvent	Solvent emitted (should be 20g/kg or less)	Weight of solvent used
		(g/l)	(kg / l)	g / kg	(kg)
		h	j = a ÷ g	k = h ÷ j	b = g × (h ÷ 1000)
Perc		1600			
Siloxane	x	970	107.87	8.99	73.72
Hydrocarbon		970			
Other					

Solvent Usage Check : **OK**

Site: **Cheylesmore**

Year: **2011 - 2012**

Month and Year	Annual weight of work processed				Annual weight of solvent used				Monthly solvent I = Total b × 1000 ÷ Total a	Estimated still residue (Use this to check the total for each method of still cleaning against your waste collection notes, adjust the final months)			
	a				b					(litres)			
	(kg)				(kg)				(g/kg)	Machine 1	Machine 2	Machine 3	Machine 4
	Machine 1	Machine 2	Machine 3	Machine 4	Machine 1	Machine 2	Machine 3	Machine 4		Machine 1	Machine 2	Machine 3	Machine 4
Oct 11 to Sept 12	8198	0	0	0	73.72	0.00	0.00	0.00	8.99	240.0			
	0	0	0	0	0.00	0.00	0.00	0.00					
	0	0	0	0	0.00	0.00	0.00	0.00					
	0	0	0	0	0.00	0.00	0.00	0.00					
	0	0	0	0	0.00	0.00	0.00	0.00					
	0	0	0	0	0.00	0.00	0.00	0.00					
	0	0	0	0	0.00	0.00	0.00	0.00					
	0	0	0	0	0.00	0.00	0.00	0.00					
	0	0	0	0	0.00	0.00	0.00	0.00					
	0	0	0	0	0.00	0.00	0.00	0.00					
	0	0	0	0	0.00	0.00	0.00	0.00					
	0	0	0	0	0.00	0.00	0.00	0.00					
	0	0	0	0	0.00	0.00	0.00	0.00					
Sub Totals	8198				73.72					240.0			

Annual Spot Cleaning Correction Factor
m
(ltrs)
6.5

Total annual weight of work processed	Total annual weight of solvent used
n = Total a	p = Total b + m
(kg)	(kg)
8198	80.22

Annual total of solvent emitted per kg of work processed	
q	
= p × 1000 ÷ n	
(g/kg)	
Annual result	9.79

Weight of work required to comply with regulations (kg):	4011
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Complies with Regulations?	YES
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