

Solvent Inventory Cheylesmore

C	D	R	SHOP	DATE	LSOL	KGDC	DRUMS
1	1	8	1822	21/09/2013	0	143	0
1	1	8	1822	14/09/2013	0	43	0
1	1	8	1822	07/09/2013	0	111	0
1	1	8	1822	31/08/2013	0	154	0
1	1	8	1822	24/08/2013	0	0	0
1	1	8	1822	17/08/2013	0	155	0
1	1	8	1822	10/08/2013	0	156	0
1	1	8	1822	03/08/2013	0	159	0
1	1	8	1822	27/07/2013	30	122	0
1	1	8	1822	20/07/2013	0	143	0
1	1	8	1822	13/07/2013	0	133	0
1	1	8	1822	06/07/2013	0	157	0
1	1	8	1822	29/06/2013	0	155	0
1	1	8	1822	22/06/2013	0	166	0
1	1	8	1822	15/06/2013	0	174	0
1	1	8	1822	08/06/2013	0	150	0
1	1	8	1822	01/06/2013	0	172	0
1	1	8	1822	25/05/2013	0	209	0
1	1	8	1822	18/05/2013	0	200	1
1	1	8	1822	11/05/2013	0	121	0
1	1	8	1822	04/05/2013	0	156	0
1	1	8	1822	27/04/2013	0	160	0
1	1	8	1822	20/04/2013	0	180	0
1	1	8	1822	13/04/2013	0	250	0
1	1	8	1822	06/04/2013	0	142	0
1	1	8	1822	30/03/2013	0	127	0
1	1	8	1822	23/03/2013	0	148	0
1	1	8	1822	16/03/2013	0	111	0
1	1	8	1822	09/03/2013	0	133	0
1	1	8	1822	02/03/2013	0	112	0
1	1	8	1822	23/02/2013	0	161	0
1	1	8	1822	16/02/2013	0	95	0
1	1	8	1822	09/02/2013	0	0	0
1	1	8	1822	02/02/2013	0	93	0
1	1	8	1822	26/01/2013	0	67	0
1	1	8	1822	19/01/2013	0	90	0
1	1	8	1822	12/01/2013	40	160	0
1	1	8	1822	05/01/2013	0	118	0
1	1	8	1822	29/12/2012	0	88	0
1	1	8	1822	22/12/2012	0	171	0
1	1	8	1822	15/12/2012	0	188	0
1	1	8	1822	08/12/2012	0	175	0
1	1	8	1822	01/12/2012	0	136	0
1	1	8	1822	24/11/2012	0	130	0
1	1	8	1822	17/11/2012	0	155	0
1	1	8	1822	10/11/2012	0	149	0
1	1	8	1822	03/11/2012	20	202	0
1	1	8	1822	27/10/2012	0	141	0
1	1	8	1822	20/10/2012	0	134	0
1	1	8	1822	13/10/2012	0	155	0
1	1	8	1822	06/10/2012	0	215	0
1	1	8	1822	29/09/2012	0	195	0
Totals					90	7360	1

Solvent used(delivered) = 90 Ltrs Siloxane

Weight of Dry Cleaning = 7360 Kg

Residue removal - 1 drum x 120 ltrs = 120 Ltrs(35% allowance applied)

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

Site: **Cheylesmore**

Month and year: **Oct 12 - Sept 13**

Machine:

Weight of work processed (kg)

					Annual Total Weight (kg)
					a
7360					7360

Solvent used (litres)

					Annual Total (litres)
					c
90					90

Estimated still residue for year (litres)

d	120
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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	120	42
Pumped out		0.5	0	0

Nominal Annual Solvent Use	(litres)	g = c - f	48
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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	153.33	6.33	46.56
Hydrocarbon		970			
Other					

Solvent Usage Check : **OK**

Site: **Cheylesmore** Year: **2012 -2013**

Month and Year	Annual weight of work processed				Annual weight of solvent used				Annual solvent	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				l				
	(kg)				(kg)				= Total b × 1000 ÷ Total a	(litres)			
	Machine 1	Machine 2	Machine 3	Machine 4	Machine 1	Machine 2	Machine 3	Machine 4	(g/kg)	Machine 1	Machine 2	Machine 3	Machine 4
	7360	0	0	0	46.56	0.00	0.00	0.00	6.33	120.0			
Sub Totals	7360				46.56					120.0			

Annual Spot Cleaning Correction Factor (see Note)
m
(kg)
6.25

Total annual weight of work processed	Total annual weight of solvent used
n	p
= Total a	= Total b + m
(kg)	(kg)
7360	52.81

Annual total of solvent emitted per kg of work processed
q
= p × 1000 ÷ n
(g/kg)
Annual result
7.18

Weight of work required to comply with regulations (kg):	2641
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Complies with Regulations?	YES
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