

Solvent Inventory Cheylesmore

C	D	R	SHOP	DATE	LSOL	KGDC	DRUMS
1	2	5	1822	20/09/2014	0	163	0
1	2	5	1822	13/09/2014	0	251	0
1	2	5	1822	06/09/2014	0	139	0
1	2	5	1822	30/08/2014	0	155	0
1	2	5	1822	23/08/2014	40	162	0
1	2	5	1822	16/08/2014	40	127	0
1	2	5	1822	09/08/2014	0	153	0
1	2	5	1822	02/08/2014	0	193	1
1	2	5	1822	26/07/2014	0	176	0
1	2	5	1822	19/07/2014	0	177	0
1	2	5	1822	12/07/2014	0	207	0
1	2	5	1822	05/07/2014	0	230	0
1	2	5	1822	28/06/2014	0	311	0
1	2	5	1822	21/06/2014	0	139	0
1	2	5	1822	14/06/2014	0	192	0
1	2	5	1822	07/06/2014	0	191	0
1	2	5	1822	31/05/2014	0	175	0
1	2	5	1822	24/05/2014	30	118	0
1	2	5	1822	17/05/2014	0	133	0
1	2	5	1822	10/05/2014	0	142	0
1	2	5	1822	03/05/2014	0	120	0
1	2	5	1822	26/04/2014	20	157	0
1	2	5	1822	19/04/2014	0	119	0
1	2	5	1822	12/04/2014	0	107	0
1	2	5	1822	05/04/2014	0	86	0
1	2	5	1822	29/03/2014	0	150	0
1	2	5	1822	22/03/2014	0	92	0
1	2	5	1822	15/03/2014	0	146	0
1	2	5	1822	08/03/2014	0	0	0
1	2	5	1822	01/03/2014	0	74	0
1	2	5	1822	22/02/2014	0	131	0
1	2	5	1822	15/02/2014	0	141	0
1	2	5	1822	08/02/2014	0	147	0
1	2	5	1822	01/02/2014	0	92	1
1	2	5	1822	25/01/2014	0	94	0
1	2	5	1822	18/01/2014	0	113	0
1	2	5	1822	11/01/2014	0	117	0
1	2	5	1822	04/01/2014	0	120	0
1	2	5	1822	28/12/2013	0	71	0
1	2	5	1822	21/12/2013	0	84	0
1	2	5	1822	14/12/2013	0	138	0
1	2	5	1822	07/12/2013	0	147	0
1	2	5	1822	30/11/2013	0	137	0
1	2	5	1822	23/11/2013	0	120	0
1	2	5	1822	16/11/2013	0	98	0
1	2	5	1822	09/11/2013	0	108	0
1	2	5	1822	02/11/2013	0	182	0
1	2	5	1822	26/10/2013	0	171	0
1	2	5	1822	19/10/2013	40	155	0
1	2	5	1822	12/10/2013	0	125	0
1	2	5	1822	05/10/2013	20	151	0
1	2	5	1822	28/09/2013	0	183	0
Totals					190	7410	2

No processing this week

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) = 190 Ltrs Siloxane
 Weight of Dry Cleaning = 7410 Kg
 Residue removal - 2 drums x 120 ltrs = 240 Ltrs(35% allowance applied)

Site: **Cheylesmore**

Month and year:

Oct 13 - Sept 14

Machine:

Weight of work processed (kg)

Annual Total
Weight (kg)

a

7410					7410
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Solvent used (litres)

Annual Total
(litres)

c

190					190
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Estimated still residue for year (litres)

d

240

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	106
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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	69.91	13.88	102.82
Hydrocarbon		970			
Other					

Solvent Usage Check :

OK

Site: **Cheylesmore**

Year: **2013 - 2014**

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			
	a				b				l	(litres)			
	(kg)				(kg)				= Total b × 1000 ÷ Total a				
	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
	7410	0	0	0	102.82	0.00	0.00	0.00	13.88	240.0			
Sub Totals	7410				102.82					240.0			

Annual Spot Cleaning Correction Factor (see Note 1):
m
(Its)
6.25

Total annual weight of work processed	Total annual weight of solvent used
n = Total a	p = Total b + m
(kg)	(kg)
7410	109.07

Annual total of solvent emitted per kg of work processed
q
= p × 1000 ÷ n
(g/kg)
Annual result
14.72

Weight of work required to comply with regulations (kg):	5454
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Complies with Regulations?	YES
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