

**Solvent Inventory Asda Coventry**

C	D	R	SHOP	DATE	LSOL	KGDC	DRUMS
1	1	8	1733	22/09/2012	0	293	0
1	1	8	1733	15/09/2012	0	221	0
1	1	8	1733	08/09/2012	20	284	0
1	1	8	1733	01/09/2012	0	220	0
1	1	8	1733	25/08/2012	0	200	0
1	1	8	1733	18/08/2012	0	190	0
1	1	8	1733	11/08/2012	0	262	0
1	1	8	1733	04/08/2012	10	241	0
1	1	8	1733	28/07/2012	10	182	0
1	1	8	1733	21/07/2012	0	201	0
1	1	8	1733	14/07/2012	10	208	0
1	1	8	1733	07/07/2012	0	174	0
1	1	8	1733	30/06/2012	0	161	0
1	1	8	1733	23/06/2012	0	210	0
1	1	8	1733	16/06/2012	0	188	0
1	1	8	1733	09/06/2012	20	194	0
1	1	8	1733	02/06/2012	0	181	0
1	1	8	1733	26/05/2012	10	182	0
1	1	8	1733	19/05/2012	0	222	1
1	1	8	1733	12/05/2012	10	186	0
1	1	8	1733	05/05/2012	0	278	0
1	1	8	1733	28/04/2012	0	193	0
1	1	8	1733	21/04/2012	0	180	0
1	1	8	1733	14/04/2012	10	160	0
1	1	8	1733	07/04/2012	10	187	0
1	1	8	1733	31/03/2012	0	174	0
1	1	8	1733	24/03/2012	20	188	0
1	1	8	1733	17/03/2012	20	165	0
1	1	8	1733	10/03/2012	0	207	0
1	1	8	1733	03/03/2012	10	169	0
1	1	8	1733	25/02/2012	0	185	0
1	1	8	1733	18/02/2012	0	192	0
1	1	8	1733	11/02/2012	0	76	0
1	1	8	1733	04/02/2012	0	142	0
1	1	8	1733	28/01/2012	20	172	0
1	1	8	1733	21/01/2012	0	140	0
1	1	8	1733	14/01/2012	10	165	0
1	1	8	1733	07/01/2012	0	165	0
1	1	8	1733	31/12/2011	0	152	0
1	1	8	1733	24/12/2011	0	170	0
1	1	8	1733	17/12/2011	20	181	0
1	1	8	1733	10/12/2011	0	155	0
1	1	8	1733	03/12/2011	0	347	0
1	1	8	1733	26/11/2011	0	0	0
1	1	8	1733	19/11/2011	0	170	0
1	1	8	1733	12/11/2011	0	204	1
1	1	8	1733	05/11/2011	0	231	0
1	1	8	1733	29/10/2011	0	313	0
1	1	8	1733	22/10/2011	0	196	0
1	1	8	1733	15/10/2011	0	109	0
1	1	8	1733	08/10/2011	10	140	0
1	1	8	1733	01/10/2011	0	205	0
<b>Totals</b>					220	9911	2

2 weeks figures

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	
Sandra	Adams
Zoe	Grant
Gail	Greener

Solvent used(delivered) = 220 Ltrs Siloxane

Weight of Dry Cleaning = 9911 Kg

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

Site: **Asda Coventry**

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

Machine:

Week ending / Week No.

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Weight of work processed (kg)

					Monthly Total Weight (kg)
					<b>a</b>
9911					9911

Solvent used (litres)

					Monthly Total (litres)
					<b>c</b>
220					220

Estimated still residue for month (litres)

<b>d</b>	240
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Still type / Allowance factor

Method of still cleaning		Waste Allowance	Total	Allowance
		<b>e</b>	<b>d</b>	<b>f</b> = 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 Monthly Solvent Use	(litres)	<b>g = c - f</b>	<b>136</b>
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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)
		<b>h</b>	<b>j</b> = a ÷ g	<b>k</b> = h ÷ j	<b>b</b> = g × (h ÷ 1000)
Perc		1600			
Siloxane	x	970	<b>72.88</b>	<b>13.31</b>	
Hydrocarbon		970			
Other					

Solvent Usage Check : **OK**

Site: **Asda Coventry**

Year: **2011 - 2012**

Month and Year	Monthly weight of work processed				Monthly weight of solvent used				Monthly 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 = Total b × 1000 ÷ Total a (g/kg)	(litres)			
	(kg)				(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					
Oct 11 - Sept 12	9911	0	0	0	131.92	0.00	0.00	0.00	13.31	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					
<b>Sub Totals</b>	<b>9911</b>				<b>131.92</b>					<b>240.0</b>			

Annual Spot Cleaning Correction Factor (see Note 1):
m
(kg)
<b>6.5</b>

Total annual weight of work processed	Total annual weight of solvent used
n = Total a	p = Total b + m
(kg)	(kg)
<b>9911</b>	<b>138.42</b>

Annual total of solvent emitted per kg of work processed	
q = p × 1000 ÷ n	
(g/kg)	
<b>Annual result</b>	<b>13.97</b>

Weight of work required to comply with regulations (kg):	<b>6921</b>
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Complies with Regulations?	<b>YES</b>
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