

**Solvent Inventory Asda Coventry**

C	D	R	SHOP	DATE	LSOL	KGDC	DRUMS
1	2	5	1733	20/09/2014	0	174	0
1	2	5	1733	13/09/2014	10	137	0
1	2	5	1733	06/09/2014	0	165	0
1	2	5	1733	30/08/2014	10	175	0
1	2	5	1733	23/08/2014	0	215	0
1	2	5	1733	16/08/2014	0	169	0
1	2	5	1733	09/08/2014	10	241	0
1	2	5	1733	02/08/2014	0	188	0
1	2	5	1733	26/07/2014	0	185	0
1	2	5	1733	19/07/2014	0	165	0
1	2	5	1733	12/07/2014	10	158	0
1	2	5	1733	05/07/2014	0	172	0
1	2	5	1733	28/06/2014	0	199	0
1	2	5	1733	21/06/2014	10	185	0
1	2	5	1733	14/06/2014	10	163	0
1	2	5	1733	07/06/2014	0	215	1
1	2	5	1733	31/05/2014	0	210	0
1	2	5	1733	24/05/2014	30	157	0
1	2	5	1733	17/05/2014	0	169	0
1	2	5	1733	10/05/2014	0	157	0
1	2	5	1733	03/05/2014	20	184	0
1	2	5	1733	26/04/2014	0	159	0
1	2	5	1733	19/04/2014	0	197	0
1	2	5	1733	12/04/2014	10	180	0
1	2	5	1733	05/04/2014	0	197	0
1	2	5	1733	29/03/2014	20	163	0
1	2	5	1733	22/03/2014	0	219	0
1	2	5	1733	15/03/2014	0	182	0
1	2	5	1733	08/03/2014	10	192	0
1	2	5	1733	01/03/2014	10	146	0
1	2	5	1733	22/02/2014	10	196	0
1	2	5	1733	15/02/2014	20	167	0
1	2	5	1733	08/02/2014	0	150	0
1	2	5	1733	01/02/2014	10	181	0
1	2	5	1733	25/01/2014	0	152	0
1	2	5	1733	18/01/2014	20	154	0
1	2	5	1733	11/01/2014	0	166	0
1	2	5	1733	04/01/2014	0	172	0
1	2	5	1733	28/12/2013	0	119	0
1	2	5	1733	21/12/2013	0	212	0
1	2	5	1733	14/12/2013	0	183	0
1	2	5	1733	07/12/2013	0	220	0
1	2	5	1733	30/11/2013	10	197	0
1	2	5	1733	23/11/2013	0	156	0
1	2	5	1733	16/11/2013	10	185	0
1	2	5	1733	09/11/2013	0	120	0
1	2	5	1733	02/11/2013	20	235	0
1	2	5	1733	26/10/2013	0	343	1
1	2	5	1733	19/10/2013	0	0	0
1	2	5	1733	12/10/2013	0	286	0
1	2	5	1733	05/10/2013	10	150	0
1	2	5	1733	28/09/2013	0	198	0
<b>Totals</b>					270	9360	2

2 weeks figures

**KEY**

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

**Trained Staff**

Sandra	Adams
Zoe	Grant
Catherine	Mimnaugh

Solvent used(delivered) = 270 Ltrs Siloxane  
 Weight of Dry Cleaning = 9360 Kg  
 Residue removal - 2 drums x 120 ltrs = 240 Ltrs(35% allowance applied)

Site: **Asda Coventry**

Month and year:

**Oct 13 - Sept 14**

Machine:

Weight of work processed (kg)

Annual Total  
Weight (kg)

**a**

9360					9360
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Solvent used (litres)

Annual Total  
(litres)

**c**

270					270
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Estimated still residue for year (litres)

**d**

240

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 Annual Solvent Use	(litres)	<b>g = c - f</b>	<b>186</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>50.32</b>	<b>19.28</b>	<b>180.42</b>
Hydrocarbon		970			
Other					

Solvent Usage Check :

**OK**

Site: **Asda Coventry**

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 = Total b × 1000 ÷ Total a	(litres)			
	(kg)				(kg)								
	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
	9360	0	0	0	180.42	0.00	0.00	0.00	19.28	240.0			
Sub Totals	9360				180.42					240.0			

Annual Spot Cleaning Correction Factor (see Note 1):	Total annual weight of work processed	Total annual weight of solvent used
m	n	p
(lbs)	= Total a	= Total b + m
6.25	(kg)	(kg)
	9360	186.67

Annual total of solvent emitted per kg of work processed
q
= p × 1000 ÷ n
(g/kg)
Annual result
19.94

Weight of work required to comply with regulations (kg):	9334
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Complies with Regulations?	YES
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