

**Solvent Inventory Ipswich Drive-In**

C	D	R	SHOP	DATE	LSOL	KGDC	DRUMS
1	2	2	1699	21/09/2013	0	513	0
1	2	2	1699	14/09/2013	0	450	0
1	2	2	1699	07/09/2013	20	669	0
1	2	2	1699	31/08/2013	0	506	0
1	2	2	1699	24/08/2013	20	472	0
1	2	2	1699	17/08/2013	0	522	1
1	2	2	1699	10/08/2013	0	404	0
1	2	2	1699	03/08/2013	0	956	0
1	2	2	1699	27/07/2013	0	425	0
1	2	2	1699	20/07/2013	20	464	0
1	2	2	1699	13/07/2013	0	456	0
1	2	2	1699	06/07/2013	20	611	0
1	2	2	1699	29/06/2013	20	579	0
1	2	2	1699	22/06/2013	0	563	0
1	2	2	1699	15/06/2013	20	486	0
1	2	2	1699	08/06/2013	0	634	0
1	2	2	1699	01/06/2013	20	539	0
1	2	2	1699	25/05/2013	20	508	0
1	2	2	1699	18/05/2013	20	640	0
1	2	2	1699	11/05/2013	0	491	1
1	2	2	1699	04/05/2013	0	542	0
1	2	2	1699	27/04/2013	0	545	0
1	2	2	1699	20/04/2013	0	593	0
1	2	2	1699	13/04/2013	0	611	0
1	2	2	1699	06/04/2013	0	540	0
1	2	2	1699	30/03/2013	0	472	0
1	2	2	1699	23/03/2013	0	488	0
1	2	2	1699	16/03/2013	20	394	0
1	2	2	1699	09/03/2013	0	513	0
1	2	2	1699	02/03/2013	0	461	0
1	2	2	1699	23/02/2013	0	458	0
1	2	2	1699	16/02/2013	20	528	0
1	2	2	1699	09/02/2013	0	517	0
1	2	2	1699	02/02/2013	0	534	0
1	2	2	1699	26/01/2013	0	321	0
1	2	2	1699	19/01/2013	20	433	0
1	2	2	1699	12/01/2013	0	620	0
1	2	2	1699	05/01/2013	0	428	0
1	2	2	1699	29/12/2012	0	468	0
1	2	2	1699	22/12/2012	0	513	0
1	2	2	1699	15/12/2012	0	433	0
1	2	2	1699	08/12/2012	0	599	0
1	2	2	1699	01/12/2012	0	520	1
1	2	2	1699	24/11/2012	0	508	0
1	2	2	1699	17/11/2012	0	512	0
1	2	2	1699	10/11/2012	20	498	0
1	2	2	1699	03/11/2012	0	690	0
1	2	2	1699	27/10/2012	20	549	0
1	2	2	1699	20/10/2012	0	614	0
1	2	2	1699	13/10/2012	0	602	0
1	2	2	1699	06/10/2012	0	777	0
1	2	2	1699	29/09/2012	0	586	0
<b>Totals</b>					280	27755	3

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	
Alexandra	Abley
Lucy	Beales
Tony	Clarke
Alistair	Clayton
Caroline	Hill
Brian	Holmes
Dawn	Hood
Alison	Tapp

Solvent used(delivered) = 280 Ltrs Siloxane  
 Weight of Dry Cleaning = 27755 Kg  
 Residue removal - 3 drums x 120 ltrs = 360 Ltrs(35% allowance applied)

Site: **Ipswich Dr In**

Month and year:

**Oct 12 - Sept 13**

Machine:

Weight of work processed (kg)

Annual Total  
Weight (kg)

**a**

27755					27755
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Solvent used (litres)

Annual Total  
(litres)

**c**

280					280
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Estimated still residue for year (litres)

**d**

360

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	360	126
Pumped out		0.5	0	0

Nominal Annual Solvent Use	(litres)	<b>g = c - f</b>	<b>154</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>180.23</b>	<b>5.38</b>	<b>149.38</b>
Hydrocarbon		970			
Other					

Solvent Usage Check :

**OK**

Site: **Ipswich Dr In** 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			
	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
	27755	0	0	0	149.38	0.00	0.00	0.00	5.38	360.0			
Sub Totals	27755				149.38					360.0			

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

Total annual weight of work processed	Total annual weight of solvent used
n = Total a	p = Total b + m
(kg)	(kg)
27755	155.63

Annual total of solvent emitted per kg of work processed
q = p × 1000 ÷ n
(g/kg)
Annual result
5.61

Weight of work required to comply with regulations (kg):	7782
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Complies with Regulations?	YES
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