

ANNUAL INVENTORY SHEET - SOLVENT MANAGEMENT PLAN - SINGLE MACHINE

Site: **MEBRO DRY CLEANERS**

Year: **08/09**

up to end May 09

Month and Year	Monthly weight of work processed	Monthly weight of solvent used	Monthly solvent emitted per kg of work processed	Estimated still residue
	a (kg)	b (kg)	i = $b \times 1000 \div a$ (g/kg)	(litres)
OCT 2008	1095	20.40	18.63	15.0
NOV 2008	792	13.12	16.56	12.0
DEC 2008	618	9.04	14.63	9.0
JAN 2009	626	9.92	15.85	12.0
FEB 2009	590	11.52	19.53	12.0
MAR 2009	668	11.52	17.24	12.0
APR 2009	759	14.00	18.44	15.0
MAY 2009	211	2.48	11.74	3.0
JUNE 2009	0	0.00		
JULY 2009	0	0.00		
AUGUST 2009	0	0.00		
SEPT 2009	0	0.00		
Annual totals	5360	92.00		90.0
	n	= Total b		

Annual Spot Cleaning Correction Factor (see Note 2):	Annual total of solvent emitted per kg of work processed
m	q
(kg)	= $p \times 1000 \div n$ (g/kg)
	17.17

Total annual weight of solvent used
p
= Total b + m (kg)
92.00

Weight of work required to comply with regulations (kg):	4600
Complies with Regulations?	YES

1. Refer to written explanation of regulations for more details.
2. If solvent borne spot cleaners are used, enter either 10kg in the 'Annual Spot Cleaning Factor' or the total weight of the solvent content used, as advised by your Supplier.
3. The centre column provides the weight of solvent in grams emitted per kg of work processed (g/kg), this is needed to satisfy the legal requirement.

MONTHLY INVENTORY SHEET

Site: MEBRO DRY CLEANERS **Month and year:** OCT 2008
Machine: MITO 22

Week ending / Week No.

04/10/2008	11/10/2008	18/10/2008	25/10/2008	01/11/2008
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Weight of work processed (kg)

					Monthly Total Weight (kg)
					a
188.5	226.7	233.3	227.5	219.3	1095.3

Solvent used (litres)

					Monthly Total (litres)
					c
3	3	3	3	3	15

Estimated still residue for month (litres)

d	15
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Note: Estimate the amount of residue collected so that a draft solvent usage figure can be obtained. You will need to adjust this figure from time to time so that the total for the year corresponds to your waste collection transfer notes.

Still type / Allowance factor

		Waste Allowance Factor	Total	Allowance
Method of still cleaning		e	d	f = e × d
Manual rake out	m	0.15	15	2.25
Pumped out		0.6	0	0

Nominal Monthly Solvent Use	(litres)	g = c - f	12.75
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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	P	1600	85.91	18.63	20.40
Siloxane		970			
Hydrocarbon		970			
Other					

Solvent Usage Check : OK

MONTHLY INVENTORY SHEET

Site: MEBRO DRY CLEANERS **Month and year:** NOV 2008
Machine: MITO 22

Week ending / Week No.

08/11/2008	15/11/2008	22/11/2008	29/11/2008	
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Weight of work processed (kg)

				Monthly Total Weight (kg)
				a
196.2	219.8	189	187.2	792.2

Solvent used (litres)

				Monthly Total (litres)
				c
3	2	2	3	10

Estimated still residue for month (litres)

d	12
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Note: Estimate the amount of residue collected so that a draft solvent usage figure can be obtained. You will need to adjust this figure from time to time so that the total for the year corresponds to your waste collection transfer notes.

Still type / Allowance factor

Method of still cleaning		Waste Allowance Factor	Total	Allowance
		e	d	f = e × d
Manual rake out	m	0.15	12	1.8
Pumped out		0.6	0	0

Nominal Monthly Solvent Use	(litres)	g = c - f	8.2
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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	P	1600	96.61	16.56	13.12
Siloxane		970			
Hydrocarbon		970			
Other					

Solvent Usage Check : OK

MONTHLY INVENTORY SHEET

Site: MEBRO DRY CLEANERS **Month and year:** DEC 2008
Machine: MITO-22

Week ending / Week No.

06/12/2008	13/12/2008	20/12/2008	27/12/2008	
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Weight of work processed (kg)

					Monthly Total Weight (kg)
					a
165.8	159.3	213.7	79		617.8

Solvent used (litres)

					Monthly Total (litres)
					c
2	2	2	1		7

Estimated still residue for month (litres)

d	9
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Note: Estimate the amount of residue collected so that a draft solvent usage figure can be obtained. You will need to adjust this figure from time to time so that the total for the year corresponds to your waste collection transfer notes.

Still type / Allowance factor

		Waste Allowance Factor	Total	Allowance
Method of still cleaning		e	d	f = e × d
Manual rake out	m	0.15	9	1.35
Pumped out		0.6	0	0

Nominal Monthly Solvent Use	(litres)	g = c - f	5.65
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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	P	1600	109.35	14.63	9.04
Siloxane		970			
Hydrocarbon		970			
Other					

Solvent Usage Check : OK

MONTHLY INVENTORY SHEET

Site: MEBRO DRY CLEANER! **Month and year:** JAN 2009
Machine: MITO 22

Week ending / Week No.

03/01/2009	10/01/2009	17/01/2009	24/01/2009	31/01/2009
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Weight of work processed (kg)

					Monthly Total Weight (kg)
					a
0	157.9	165.6	143	159.3	625.8

Solvent used (litres)

					Monthly Total (litres)
					c
	2	2	2	2	8

Estimated still residue for month (litres)

d	12
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Note: Estimate the amount of residue collected so that a draft solvent usage figure can be obtained. You will need to adjust this figure from time to time so that the total for the year corresponds to your waste collection transfer notes.

Still type / Allowance factor

Method of still cleaning		Waste Allowance Factor	Total	Allowance
		e	d	f = e × d
Manual rake out	m	0.15	12	1.8
Pumped out		0.6	0	0

Nominal Monthly Solvent Use	(litres)	g = c - f	6.2
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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	P	1600	100.94	15.85	9.92
Siloxane		970			
Hydrocarbon		970			
Other					

Solvent Usage Check : OK

MONTHLY INVENTORY SHEET

Site: MEBRO DRY CLEANERS **Month and year:** FEB 2009
Machine: MITO 22

Week ending / Week No.

07/02/2009	14/02/2009	21/02/2009	28/02/2009	
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Weight of work processed (kg)

					Monthly Total Weight (kg)
					a
122.9	159	145.7	162.2		589.8

Solvent used (litres)

					Monthly Total (litres)
					c
2	2	2	3		9

Estimated still residue for month (litres)

d	12
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Note: Estimate the amount of residue collected so that a draft solvent usage figure can be obtained. You will need to adjust this figure from time to time so that the total for the year corresponds to your waste collection transfer notes.

Still type / Allowance factor

		Waste Allowance Factor	Total	Allowance
Method of still cleaning		e	d	f = e × d
Manual rake out	m	0.15	12	1.8
Pumped out		0.6	0	0

Nominal Monthly Solvent Use	(litres)	g = c - f	7.2
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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	P	1600	81.92	19.53	11.52
Siloxane		970			
Hydrocarbon		970			
Other					

Solvent Usage Check : OK

MONTHLY INVENTORY SHEET

Site: **MEBRO DRY CLEANER** Month and year: **MAR 2009**
 Machine: **MITO 22**

Week ending / Week No.

07/03/2009	14/03/2009	21/03/2009	28/03/2009	
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Weight of work processed (kg)

					Monthly Total Weight (kg)
					a
144.6	153.3	190.9	179.6		668.4

Solvent used (litres)

					Monthly Total (litres)
					c
2	2	3	2		9

Estimated still residue for month (litres)

d	12
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Note: Estimate the amount of residue collected so that a draft solvent usage figure can be obtained. You will need to adjust this figure from time to time so that the total for the year corresponds to your waste collection transfer notes.

Still type / Allowance factor

		Waste Allowance Factor	Total	Allowance
Method of still cleaning		e	d	f = e × d
Manual rake out	m	0.15	12	1.8
Pumped out		0.6	0	0

Nominal Monthly Solvent Use	(litres)	g = c - f	7.2
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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	P	1600	92.83	17.24	11.52
Siloxane		970			
Hydrocarbon		970			
Other					

Solvent Usage Check : OK

MONTHLY INVENTORY SHEET

Site: **MEBRO DRY CLEANER!** Month and year: **APR 2009**
 Machine: **MITO 22**

Week ending / Week No.

04/04/2009	11/04/2009	18/04/2009	25/04/2009	02/05/2009
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Weight of work processed (kg)					Monthly Total Weight (kg)
					a
166	147.4	130.2	160.3	155.3	759.2

Solvent used (litres)					Monthly Total (litres)
					c
2	2	2	2	3	11

Estimated still residue for month (litres)	d	15
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Note: Estimate the amount of residue collected so that a draft solvent usage figure can be obtained. You will need to adjust this figure from time to time so that the total for the year corresponds to your waste collection transfer notes.

Still type / Allowance factor

		Waste Allowance Factor	Total	Allowance
Method of still cleaning		e	d	f = e × d
Manual rake out	m	0.15	15	2.25
Pumped out		0.6	0	0

Nominal Monthly Solvent Use	(litres)	g = c - f	8.75
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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	P	1600	86.77	18.44	14.00
Siloxane		970			
Hydrocarbon		970			
Other					

Solvent Usage Check : OK

MONTHLY INVENTORY SHEET

Site: MEBRO DRY CLEANER
Machine: MITO 22
Month and year: MAY 2009

Week ending / Week No.

09/05/2009	16/05/2009	23/05/2009	30/05/2009	
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Weight of work processed (kg)

					Monthly Total Weight (kg)
					a
125.5	85.7				211.2

Solvent used (litres)

					Monthly Total (litres)
					c
2	0				2

Estimated still residue for month (litres)

d	3
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Note: Estimate the amount of residue collected so that a draft solvent usage figure can be obtained. You will need to adjust this figure from time to time so that the total for the year corresponds to your waste collection transfer notes.

Still type / Allowance factor

		Waste Allowance Factor	Total	Allowance
Method of still cleaning		e	d	f = e × d
Manual rake out	m	0.15	3	0.45
Pumped out		0.6	0	0

Nominal Monthly Solvent Use	(litres)	g = c - f	1.55
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Solvent emission calculation

Type of Solvent		Factor: specific gravity of solvent (g/l)	Weight of work / litre of solvent (kg / l)	Solvent emitted (should be 20g/kg or less) g / kg	Weight of solvent used (kg)
		h	j = a ÷ g	k = h ÷ j	b = g × (h ÷ 1000)
Perc	P	1600	136.26	11.74	2.48
Siloxane		970			
Hydrocarbon		970			
Other					

Solvent Usage Check : OK