

### Risk Assessment Form

<b>Assessment number</b>	<b>Plastica COSHH 05</b>
<b>Location of work</b>	Plastica
<b>Process/Activity under assessment</b>	Potential exposure from hazardous materials

#### Description of process/activity and operating conditions

Moving IBC's to the filling area by FLT.



Only trained and nominated FLT drivers to carry out this operation.

#### People at risk

<b>Office staff</b>		<b>Maintenance staff</b>		<b>Cleaning staff</b>		<b>Contractors</b>	✓
<b>Emergency services personnel</b>		<b>Water Treatment staff</b>	✓	<b>Visitors</b>		<b>Others</b>	✓

#### Hazard identification

Identify the hazards, health effects and routes of entry

Substance/mixture	Workplace Exposure Limit (WEL)	Health effects	Routes of Exposure
015 Spa and Hot Tub Flush	Sulphuric acid - WEL (long term) 0.05 mg/m3 Orthophosphoric acid - WEL (short term) 2 mg/m3 - WEL (long term) 1 mg/m3	<ul style="list-style-type: none"> <li>Causes severe skin burns and eye damage</li> </ul>	<ul style="list-style-type: none"> <li>Absorption through the skin and eyes.</li> <li>Ingestion.</li> <li>Inhalation.</li> </ul>
025 Vinyl Polish Cleaner	<ul style="list-style-type: none"> <li>No exposure limits</li> </ul>	<ul style="list-style-type: none"> <li>May cause irritation</li> </ul>	<ul style="list-style-type: none"> <li>Absorption through the skin and eyes.</li> <li>Ingestion.</li> <li>Inhalation.</li> </ul>
028 Microcide and Algaecide	<ul style="list-style-type: none"> <li>No exposure limits</li> </ul>	<ul style="list-style-type: none"> <li>May cause irritation</li> </ul>	<ul style="list-style-type: none"> <li>Absorption through the skin and eyes.</li> <li>Ingestion.</li> <li>Inhalation.</li> </ul>
031 Algae Eliminator	Copper sulphate - WEL (short term) 2 mg/m3 - WEL (long term) 1 mg/m3	<ul style="list-style-type: none"> <li>Causes skin irritation</li> <li>Causes serious eye damage</li> </ul>	<ul style="list-style-type: none"> <li>Absorption through the skin and eyes.</li> <li>Ingestion.</li> <li>Inhalation.</li> </ul>
033 Summerlong and Winterlong	<ul style="list-style-type: none"> <li>No exposure limits</li> </ul>	<ul style="list-style-type: none"> <li>May cause irritation</li> </ul>	<ul style="list-style-type: none"> <li>Absorption through the skin and eyes.</li> <li>Ingestion.</li> <li>Inhalation.</li> </ul>

Substance	Workplace Exposure Limit (WEL)	Health effects	Routes of Exposure
034 Relax Algicide	<ul style="list-style-type: none"> <li>No exposure limits</li> </ul>	<ul style="list-style-type: none"> <li>May cause irritation</li> </ul>	<ul style="list-style-type: none"> <li>Absorption through the skin and eyes.</li> <li>Ingestion.</li> <li>Inhalation.</li> </ul>
035 Concentrated Blue Algicide	<ul style="list-style-type: none"> <li>No exposure limits</li> </ul>	<ul style="list-style-type: none"> <li>Causes serious eye damage</li> <li>Causes skin irritation</li> </ul>	<ul style="list-style-type: none"> <li>Absorption through the skin and eyes.</li> <li>Ingestion.</li> <li>Inhalation.</li> </ul>
037 Standard Winterclean	<ul style="list-style-type: none"> <li>No exposure limits</li> </ul>	<ul style="list-style-type: none"> <li>May cause irritation</li> </ul>	<ul style="list-style-type: none"> <li>Absorption through the skin and eyes.</li> <li>Ingestion.</li> <li>Inhalation.</li> </ul>
038 Concentrated Winterclean	<ul style="list-style-type: none"> <li>No exposure limits</li> </ul>	<ul style="list-style-type: none"> <li>Causes serious eye damage</li> <li>Causes skin irritation</li> </ul>	<ul style="list-style-type: none"> <li>Absorption through the skin and eyes.</li> <li>Ingestion.</li> <li>Inhalation.</li> </ul>
044 Concentrated Clarifier	<ul style="list-style-type: none"> <li>No exposure limits</li> </ul>	<ul style="list-style-type: none"> <li>May cause irritation</li> </ul>	<ul style="list-style-type: none"> <li>Absorption through the skin and eyes.</li> <li>Ingestion.</li> <li>Inhalation.</li> </ul>
048 Tile & Liner Cleaner	Propan-2-ol - WEL (short term) 1250 mg/m <sup>3</sup> - WEL (long term) 999 mg/m <sup>3</sup> Orthophosphoric acid - WEL (short term) 2 mg/m <sup>3</sup> - WEL (long term) 1 mg/m <sup>3</sup>	<ul style="list-style-type: none"> <li>Causes severe skin burns and eye damage</li> </ul>	<ul style="list-style-type: none"> <li>Absorption through the skin and eyes.</li> <li>Ingestion.</li> <li>Inhalation.</li> </ul>
052 Filter and Cartridge Concentrated Cleaner	<ul style="list-style-type: none"> <li>No exposure limits</li> </ul>	<ul style="list-style-type: none"> <li>Causes skin irritation</li> <li>Causes serious eye irritation</li> </ul>	<ul style="list-style-type: none"> <li>Absorption through the skin and eyes.</li> <li>Ingestion.</li> <li>Inhalation.</li> </ul>
056 Relax Stain and Scale Inhibitor	<ul style="list-style-type: none"> <li>No exposure limits</li> </ul>	<ul style="list-style-type: none"> <li>Causes skin irritation</li> <li>Causes serious eye irritation</li> </ul>	<ul style="list-style-type: none"> <li>Absorption through the skin and eyes.</li> <li>Ingestion.</li> <li>Inhalation.</li> </ul>
060 Relax Leak Sealer	<ul style="list-style-type: none"> <li>No exposure limits</li> </ul>	<ul style="list-style-type: none"> <li>Causes serious eye damage</li> <li>Causes skin irritation</li> </ul>	<ul style="list-style-type: none"> <li>Absorption through the skin and eyes.</li> <li>Ingestion.</li> <li>Inhalation.</li> </ul>
062 Spa No Foam	<ul style="list-style-type: none"> <li>No exposure limits</li> </ul>	<ul style="list-style-type: none"> <li>May cause irritation</li> </ul>	<ul style="list-style-type: none"> <li>Absorption through the skin and eyes.</li> <li>Ingestion.</li> <li>Inhalation.</li> </ul>
064 Sauna Fragrance	<ul style="list-style-type: none"> <li>No exposure limits</li> </ul>	<ul style="list-style-type: none"> <li>May cause irritation</li> </ul>	<ul style="list-style-type: none"> <li>Absorption through the skin and eyes.</li> <li>Ingestion.</li> <li>Inhalation.</li> </ul>
066 Spa Stain and Scale Inhibitor	<ul style="list-style-type: none"> <li>No exposure limits</li> </ul>	<ul style="list-style-type: none"> <li>Causes severe skin burns and eye damage</li> </ul>	<ul style="list-style-type: none"> <li>Absorption through the skin and eyes.</li> <li>Ingestion.</li> <li>Inhalation.</li> </ul>

**Source of exposure**

Times/places/activity, specify agent and route of entry

Activity	Agent	Route of entry	Exposure time
Moving IBC's to the filling area by FLT.	All chemicals identified above	<ul style="list-style-type: none"> <li>Absorption through the skin and eyes.</li> <li>Ingestion.</li> <li>Inhalation of spray/vapour.</li> </ul>	1 hour/day

**Evidence of contamination**

None

**Assessment of Risk**

Please complete the risk rating using the scoring key below: -

**(A) SEVERITY**

- 10 Fatal  
 5 Major injury/Serious damage  
 2 Minor injury/Minor damage  
 1 Negligible/Near miss

**(B) LIKELIHOOD OF OCCURRENCE**

- 20 Certain (Most likely to happen)  
 10 Likely (Not surprised if it happens)  
 5 Possible (Could happen sometime)  
 1 Remote (only a small chance it will happen)  
 0.5 Improbable (probability close to zero)

**(C) PEOPLE AFFECTED**

- 1 1-5 people affected  
 2 6-50 people affected  
 3 >50 people affected  
 3 Vulnerable people or the public affected

**RISK LEVEL**

- <10 Acceptable (A)  
 10-19 Low (L)  
 20-49 Medium (M)  
 >50 High (H)

Risk Rating					
Hazard	Severity A	Likelihood B	People affected C	Risk rating A x B x C	Risk Level H/M/L/A
Moving IBC's to the filling area by FLT.	5	1	2	10	L

**Engineering etc controls**

Guarding	LEV/Vapour Recovery Systems	Interlocks	Enclosure
Standard Operating Procedure (SOP) Work Instructions			
Permits to work N/A			
Other relevant information (monitoring/testing etc) Annual Health Questionnaire to be introduced			

## Personal Protective Equipment (PPE)

Eyes-face		Hand-arm		Feet-legs	✓	Respiratory	
Body	✓	Hearing		Other (specify)			
<b>Specify when item(s) of PPE must be worn</b> The following PPE is required to be worn when moving the IBCs by FLT: <ul style="list-style-type: none"> <li>Safety boots.</li> <li>Disposable overalls.</li> </ul>							

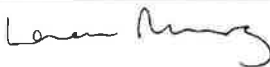
**Further Control Measures** (e.g. supervision, training requirements, special emergency procedures, health surveillance etc.)

Further Control Measures Required	Complete by (date)
<ul style="list-style-type: none"> <li>Follow Emergency and Spill procedures if any leakage or damage occurs to the IBCs.</li> <li>Give information and instructions on the hazard exposure to all operators by making them aware of this assessment and by showing them the Safety Data Sheets where available.</li> <li>Annual Health Questionnaire to be introduced</li> </ul>	

**Additional information** (e.g. guidance documents, Approved Codes of Practice etc)

<a href="http://www.hse.gov.uk/coshh">http://www.hse.gov.uk/coshh</a> INDG136 'Working with substances hazardous to health: A brief guide to COSHH' INDG352 'Read the label'
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**Assessment made by:**

<b>Signature</b>		<b>Role</b>	Regulatory Consultant, ChemRegs (UK) Ltd
<b>Name</b>	Lorna Murray	<b>Date</b>	17 December 2013

**Review of Risk Assessment:**

Date for Review	Carried out by	Role	Signature
November 2015	Ian Warne	Finance & Operations Director	