RISK ASSESSMENT

General - Control of Substances Hazardous to Health

Document Reference

PTS.RA.S50

Activity	Hazards	Risks
Use of Chemicals, Substances or Materials to Clean, Descale or Repair Catering Equipment.	Chemical Injuries from Ingestion, Inhalation or Skin Contact	Death from Asphyxiation or Poisoning, Blindness or Eye Damage, Lung Damage, Internal or External Chemical Burns, long term Organ Damage and exposure to carcinogenic agents.
	Exposion & Fire	Explosive Gases & Chemical Reactions
	Environmental Damage	**Release of:** Toxic Vapours to the atmosphere. Chemicals to Drains and open Water Courses. Disposal of used Chemicals in a unapproved manner.

UNCONTROLLED Risk Levels

LIKELIHOOD

Most Likely	5	✓
Likely	4	
Possible	3	
Unlikely	2	
Very Unlikely	1	

SEVERITY

Extreme	5	✓
Major	4	
Moderate	3	
Minor	2	
Negligible	1	

Risk Score deduced by multiplying *Likelihood by Consequence*

Risk Score	25

Less than or equal to 5	LOW
Between 6 and 12	MEDIUM
Above 12	HIGH

UNCONTROLLED Risk Level	HIGH

Description of controls

- ONLY competent engineer with relevant Training and Experience to use Chemicals, Substances or Materials
- Transportation of Chemicals /Substances to and from site and there Storage while on site to be undertaken as as per the Manufacturers COSHH Data Sheet.
- All Containers holding Chemical / Substances must be clearly indentifiable and marked with their contents and Manufacturers instruction.
- Chemical User to wear appropriate PPE as per **PTS.RA.S40 Safety - PPE**
- Works not to be undertaken if the Chemical User is in any doubt whatsoever as to their safe use.
  An if in doubt do nothing approach will be adopted.
- Chemical User to ensure adequate ventilation prior to use.
- Manufacturers Instructions to be followed at all times.
- Premier Techincal Services to ensure that appropriate COSHH Data sheets are available on request.
- Chemical User to ensure that chemicals are disposed of safely and are not disposed of into any water course whatsoever other than through their normal use as per the manufacturers instructions.

CONTROLLED Risk Levels

LIKELIHOOD

Most Likely	5	
Likely	4	
Possible	3	
Unlikely	2	
Very Unlikely	1	✓

SEVERITY

Extreme	5	✓
Major	4	
Moderate	3	
Minor	2	
Negligible	1	

Risk Score deduced by multiplying *Likelihood by Consequence*

Risk Score	5

Less than or equal to 5	LOW
Between 6 and 12	MEDIUM
Above 12	HIGH

CONTROLLED Risk Level	LOW

Control of Substances Hazardous to Health - COSHH

Using chemicals or other hazardous substances at work can put people's health at risk.

The law requires users of chemicals to control exposure to hazardous substances to any individual whatsoever who may be caused ill health from exposure to or contact with them.

Further Important Considerations

NEVER mix Acid and Alkaline products.

NEVER mix Water to Acid always mix Acid to Water.

ONLY mix chemicals to the manufacturers intructions.

AVOID contact with eyes, skin and never ingest.

AFFECTED INDIVIDUALS

PTS Personnel	✓
Maintenance Personnel	✓
Catering Staff	✓
Customers	✓
Visitors	✓
Delivery Personnel	✓
Others (specify)	✓

Individuals not associated with the site could come into contact with Vapours, Smoke or Chemicals.

Additional Measures

PTS.RA.S01 Safety - Working at Customer Sites
PTS.RA.S02 Safety - Floor
PTS.RA.S40 Safety - PPE
PTS.RA.S80 Safety - Disposal of Waste

Document Reference	**PTS.RA.S50**
Issue Status	**v 10.0**
Issue Date	**1st Sept 2025**
Issued by	**Chris Taylor**
Review Date	**31st Aug 2027**
Issuers Signature	

NB: This document and any amendments must be retained for a minimum of 5 years.
In the event of an incident involving an individual aged 18 years or less this documentation must be retained until the individual reaches 21 years of age, this requirement overrides the minimum 5 year rule.