

QUATERNARY AMMONIUM COMPOUNDS (QUATS)	CHLORINE COMPOUNDS	ALCOHOLS	SILVER STABILISED HYDROGEN PEROXIDE
COMPONENTS TO LOOK FOR			
<ul style="list-style-type: none"> ● Benzalkonium chlorides, ammonium chloride. 	<ul style="list-style-type: none"> ● Sodium hypochlorite (bleach), hypochlorous acid. 	<ul style="list-style-type: none"> ● Ethyl alcohol, isopropyl alcohol. 	<ul style="list-style-type: none"> ● N/A.
SAFETY			
<ul style="list-style-type: none"> ● Leaves toxic/harmful residues. ● Heavily regulated under BPR with a MRL of 0.5ppm. ● Food areas must be thoroughly wiped clean after use. ● Linked to cases of skin & lung irritation. ● Suspected of causing fertility issues. ● Specifically to only be used on non-porous surfaces. 	<ul style="list-style-type: none"> ● Linked to cases of skin and respiratory irritation. ● Has a pungent aroma. ● Toxic gas emission (Cl₂) if mixed with incompatible substances such as acids. ● Chlorine based products can increase the risk of developing asthma and trigger asthma attacks. 	<ul style="list-style-type: none"> ● Toxic & flammable. ● Irritates and dries skin tissue. 	<ul style="list-style-type: none"> ● No irritation to throat and nose at dose levels. ● No harmful by products. ● No toxic gases. ● Decomposes to water and oxygen.
MATERIAL COMPATIBILITY			
<ul style="list-style-type: none"> ● Leaves residual that can cause discolouration; generally non corrosive 	<ul style="list-style-type: none"> ● Corrosive, causes discolouration. 	<ul style="list-style-type: none"> ● Non-corrosive to metals but can cause damage to plastic and seals. 	<ul style="list-style-type: none"> ● Non corrosive at RTU concentrations. ● Compatible with a wide range of materials.
EASE OF USE AND STORAGE			
<ul style="list-style-type: none"> ● Has a tendency to foam and leave oily films on surfaces. ● Washing hands and wiping surfaces is necessary ● Has a mild odour and taste. ● Often requires accurate dilution. 	<ul style="list-style-type: none"> ● Not very stable. ● Degrades and gives a pungent aroma. ● Often requires accurate dilution. ● Wiping required in food preparation/consumption areas. 	<ul style="list-style-type: none"> ● Evaporates rapidly. ● Requires storage consideration. ● Strong irritant odour and taste. 	<ul style="list-style-type: none"> ● No residual colour taste or odour. ● Very stable - 3 years shelf life. ● Ready to use (RTU) - no dilution required. ● No need to wipe after use.
APPLICATION & FREQUENCY			
<ul style="list-style-type: none"> ● Spray, fog*. 	<ul style="list-style-type: none"> ● Spray, fog*. 	<ul style="list-style-type: none"> ● Spray. 	<ul style="list-style-type: none"> ● Spray, fog*.
ENVIRONMENTAL PROFILE			
<ul style="list-style-type: none"> ● Slowly biodegradable, problems associated with chemical in waste water. 	<ul style="list-style-type: none"> ● Some may be biodegradable, depending on composition. 	<ul style="list-style-type: none"> ● Biodegradable 	<ul style="list-style-type: none"> ● Fully biodegradable

*Always consult product Safety Data Sheet (SDS) and manufacturer's instructions and recommendations for fogging. Hazardous decomposition products may be released. Required contact time for effective pathogen kill should be advised by manufacturer.