

COSHH Risk Assessment

V710_LEMON DISINFECTANT

Physical Properties (9):	Classification (2.2)	Environmental:	Important:
 <p>Physical state: Liquid Appearance: Clear liquid Colour: Yellow Odour: Lemon-like pH: 2.3 Boiling point: $\geq 100^{\circ}\text{C}$ Relative density: 1.02 (product sheet: 1.022) Solubility: Soluble in water</p>	  <p>GHS05 GHS09</p> <p>Classification under CLP:</p> <ul style="list-style-type: none"> • Skin Irritation Category 2 – H315 • Serious Eye Damage Category 1 – H318 • Aquatic Acute Category 1 – H400 • Aquatic Chronic Category 2 – H411 <p>Signal Word: DANGER</p> <p>Hazard Statements:</p> <ul style="list-style-type: none"> • Causes skin irritation. • Causes serious eye damage. • Very toxic to aquatic life. • Toxic to aquatic life with long lasting effects. <p>Additional Hazard Information:</p> <ul style="list-style-type: none"> • Contains (R)-p-mentha-1,8-diene / d-limonene. May produce an allergic reaction. 	<p>Very toxic to aquatic life.</p> <p>Toxic to aquatic life with long lasting effects.</p> <p>Avoid release to drains, watercourses, or soil.</p> <p>Collect spillage.</p>	<p>Concentrate presents severe eye damage risk.</p> <p>Skin irritant.</p> <p>Environmental hazard (aquatic toxicity).</p> <p>Contains d-limonene type components which may cause allergic reaction in some individuals.</p> <p>Professional use only.</p>
STORAGE (7)			
Hazards During Storage:	Incompatible Materials:	Control Measures:	Action Required:
<p>Keep container closed when not in use.</p> <p>Keep only in original container.</p>	<p>Oxidising agents Strong acids Strong bases</p>	<p>Store in original container, upright. Keep container tightly closed. Store securely in chemical cupboard with restricted access.</p>	<p>Inspect containers regularly for leaks/damage.</p> <p>Ensure staff know emergency eyewash/first aid arrangements.</p>

		Segregate from oxidisers, strong acids and strong bases. Keep spill kit/absorbents available.	Ensure controls are in place to prevent chemical entering drains (especially concentrate/spill).
Normal Use:	Good Practice Controls:	USAGE	Control Measures During Use:
<p>Mandatory PPE when handling concentrate / during dilution:</p> <ul style="list-style-type: none"> • Eye protection (safety glasses or goggles) • Chemical resistant gloves (nitrile recommended) <p>Skin/body protection: Not normally required for standard use.</p> <p>Respiratory protection: Not normally required for standard use.</p>	<ul style="list-style-type: none"> • Avoid contact with skin and eyes. • Do not eat, drink or smoke when using. • Wash hands thoroughly after handling. • Remove contaminated clothing and wash before reuse. • Prevent environmental release; collect spillages. 	<p>Intended Use: Basic disinfectant / hard surface disinfecting.</p> <p>Recommended dilution:</p> <p>1:400 (0.25%)</p>	<p>Use correct dosing system and dilution (1:400).</p> <p>Add product to water to reduce splash risk.</p> <p>Avoid splashing and spray mist.</p> <p>Wear gloves and eye protection when handling concentrate.</p> <p>Ensure adequate ventilation.</p> <p>Do not mix with other chemicals.</p> <p>Clean up spills immediately and prevent concentrate entering drains.</p>
FIRST AID MEASURES (4)			
<p>Inhalation:</p> <p>Remove to fresh air and keep comfortable for breathing.</p>	<p>Skin Contact:</p> <p>Wash skin with plenty of water.</p>	<p>Eye Contact (SERIOUS):</p> <p>Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.</p> <p>If eye irritation persists / for serious exposure seek medical advice/attention urgently.</p>	<p>Ingestion:</p> <p>Do NOT induce vomiting.</p> <p>Rinse mouth. Drink plenty of water.</p> <p>Get medical advice/attention.</p>
DISPOSAL	FIRE INFORMATION	TRANSPORT	AREAS WHERE IT SHOULD NOT BE USED
<ul style="list-style-type: none"> • Dispose of contents/container via licensed waste contractor in line with local regulations. • Do not discharge concentrate to drains/watercourses. • Dispose of spill residues/absorbents as controlled waste. 	<p>Suitable extinguishing media:</p> <ul style="list-style-type: none"> • Carbon dioxide • Dry powder • Foam 	<ul style="list-style-type: none"> • UN 3082 – Environmentally hazardous substance, liquid, N.O.S. • Class 9 • Packing Group III • Limited Quantity: 5L 	<ul style="list-style-type: none"> • Directly on food preparation surfaces unless your site procedure specifically permits use and requires rinsing afterwards. • Avoid use where uncontrolled discharge is likely (e.g., external jet-washing or hosing to open drainage). • Areas where run-off can enter surface water drains, watercourses, or external gullies (due to aquatic toxicity).

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Risk Classification:	 Overall Risk: HIGH (Neat concentrate) – due to serious eye damage classification and aquatic toxicity. LOW (in use at 1:400) – when diluted correctly and controls are followed.
Assessor: MRomano HSQE Manager	Date of Assessment: 06/02/2026 Review Date: 06/02/2027