




## COSHH Risk Assessment

### 051305\_Shield Limescale Remover 5L

Physical Properties (9):	Classification (2.2)	Environmental:	Important:
<p>MSDS: 2018-01-25 Version: 01.1</p> <p>Liquid; clear purple; slightly perfumed.</p> <p><b>pH</b> &lt;2 neat; fully miscible with water.</p> <p>Relative density approx. 1.06 at 20°C.</p> <p><b>Corrosive to metals.</b></p> 	 <p><b>Contains</b> alkyl alcohol ethoxylate (Trideceth-8). Phosphoric acid 3-10%; alkyl alcohol ethoxylate 3-10%.</p> <p><b>H318</b> - Causes serious eye damage. <b>H290</b> - May be corrosive to metals.</p>	<p>Prevent release to drains, surface water or ground water.</p> <p>Undiluted/un-neutralised product must not reach sewage or drainage.</p> <p>Does not meet PBT/vPvB criteria.</p> <p>Waste code 20 01 29* - <b>dangerous substances.</b></p>	<p>Professional use only. Sanitary cleaner/descaling agent, manual process.</p> <p>Recommended max diluted concentration: 10%.</p> <p>Do not mix with other products unless Diversey advises.</p> <p>Keep away from chlorine bleach, sulphites, alkalis and metals.</p>
STORAGE (7)			
Hazards During Storage:	Incompatible Materials:	Control Measures:	Action Required:
<p>Acidic product: serious eye damage if splashed. May corrode metals/surfaces.</p> <p>Leaks/spills may affect packaging, surfaces and drains.</p>	<ul style="list-style-type: none"> <li>Alkalis and metals.</li> <li>Products containing chlorine-based bleaching agents or sulphites.</li> </ul> <p>Other chemicals unless supplier confirms compatibility.</p>	<p>Store to local/national rules. Keep only in original, closed container.</p> <p>Store upright in designated chemical store, away from incompatible materials and food/drink.</p>	<p>Segregate from bleach/chlorine products and alkalis.</p> <p>Keep label intact and SDS/COSHH available. Check for leaks/damage/corrosion.</p> <p>Do not decant into unlabelled containers.</p>
Normal Use:	Good Practice Controls:	USAGE	Control Measures During Use:
<p>Professional washroom limescale remover/sanitary cleaner/descaling agent. Manual process only; use only for identified applications.</p>	<p>Train users; avoid direct contact/splashes. Use adequate ventilation and good hygiene.</p> <p>Wash hands/face/exposed skin after handling.</p>	<p>Use as directed.</p> <p>Undiluted/filling/transfer = highest splash risk.</p> <p>Diluted product: do not exceed 10%.</p>	<p>Undiluted product: splash risk: wear safety glasses/goggles EN166.</p> <p>Gloves /splash risk; rinse/dry hands after use.</p> <p>Diluted normal use: avoid splashes.</p> <p>Do not allow undiluted/un-neutralised product to drains.</p>

	Remove contaminated clothing immediately.	Avoid metals/incompatible surfaces unless confirmed suitable; rinse as required.	Absorb spills with sand/diatomite/universal binder/sawdust.
<b>FIRST AID MEASURES (4)</b>			
<b>Inhalation:</b> Get medical attention/advice if unwell. Move to fresh air if affected.	<b>Skin:</b> Wash with plenty of lukewarm, gently flowing water. If irritation occurs, get medical advice/attention.	<b>Eyes:</b> Hold eyelids apart and flush with lukewarm water for at least 15 minutes. Remove lenses if easy. Continue rinsing. Immediately call a POISON CENTRE/doctor.	<b>Ingestion:</b> Immediately drink one glass of water. Never give anything by mouth to an unconscious person. Get medical advice if unwell.
<b>DISPOSAL</b>			
Concentrated contents or contaminated packaging: dispose via certified handler or site permit.	Release of waste to sewers is discouraged. Do not pour concentrated product to drains, surface water or ground.	Waste Catalogue: 20 01 29* - detergents containing dangerous substances.	Cleaned packaging may be suitable for recovery/recycling in line with local law. Empty packaging: dispose under local/national arrangements. Water may be used for cleaning if needed.

<b>Risk Classification:</b>		<b>Overall Risk: HIGH</b> for neat product handling, filling/transfer and splash exposure. <b>Residual Risk: MEDIUM</b> when trained staff dilute/use as instructed, wear eye protection for undiluted product, avoid chemical mixing, segregate from bleach/alkalis/metals and follow waste controls.
Assessor: MRomano HSQE Manager	Date of Assessment: 07/07/2026	Review Date: 07/07/2027