

COSHH Risk Assessment

F014_SELCLEN S

Physical Properties (9):	Classification (2.2)	Environmental:	Important:
Appearance: Green liquid Odour: Sharp pH: 13.2 (Strongly alkaline) Soluble in water Relative density: 1.07 	 GHS05 Classification (SDS Section 2.1) <ul style="list-style-type: none"> • Skin Corrosion Category 1 – H314 • Serious Eye Damage Category 1 – H318 Signal Word: DANGER Hazard Statement: Causes severe skin burns and eye damage. Contains sodium hydroxide (caustic soda).	Not classified as environmentally hazardous under CLP Components are rapidly degradable Avoid uncontrolled release to environment.	Highly alkaline concentrate (pH 13.2) Causes burns on contact Must be handled with full PPE Professional use only
STORAGE (7)			
Hazards During Storage:	Incompatible Materials:	Control Measures:	Action Required:
Corrosive liquid. Store locked up	<ul style="list-style-type: none"> • Acids • Oxidising agents • Metals 	Store in original container Keep container tightly closed Store upright Store in secure chemical cupboard Segregate from acids	Use oldest stock first Inspect containers regularly for leaks or damage Maintain secure, restricted access
Normal Use:	Good Practice Controls:	USAGE	Control Measures During Use:
Mandatory PPE: <ul style="list-style-type: none"> • Safety glasses / eye protection 	<ul style="list-style-type: none"> • Avoid contact with skin and eyes • Do not breathe spray • Do not eat, drink or smoke when using • Wash hands thoroughly after handling • Keep container closed when not in use 	Typical Dilution Rates: Engineering degreasing: 1:20 (5%) Heavy duty floor cleaning: 1:50 (2%) General cleaning: 1:100 (1%) Extractor cleaning: 1:10 (10%)	Wear full PPE when handling concentrate Add chemical to water (never water to chemical) Avoid splashing Ensure adequate ventilation

<ul style="list-style-type: none"> • Chemical resistant gloves (nitrile recommended) • Good general ventilation Respiratory protection not normally required.			Do not mix with acids Ensure access to eyewash facilities
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FIRST AID MEASURES (4)

Inhalation: Remove to fresh air. Seek medical attention if unwell.	Skin Contact: Remove contaminated clothing immediately. Rinse with plenty of water/shower. Seek medical advice.	Eye Contact (EMERGENCY): Rinse cautiously with water for several minutes. Remove contact lenses if present. Continue rinsing. Seek immediate medical attention.	Ingestion: Do NOT induce vomiting. Rinse mouth. Drink water. Seek immediate medical attention.
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DISPOSAL	TRANSPORT CLASSIFICATION		
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Dispose of in accordance with local regulations Use licensed waste contractor Do not discharge large quantities to drains Dispose of empty containers safely	UN 1760 Corrosive Liquid, N.O.S. Class 8 Packing Group III		
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 <p>Risk Classification:</p>	Overall Risk: HIGH (Neat Concentrate) Due to corrosive classification. Risk reduces to MODERATE when diluted and control measures are followed.	
Assessor: MRomano HSQE Manager	Date of Assessment: 06/02/2026	Review Date: 06/02/2027