

1. Identification of Substance/ Preparation and of the company undertaking

Proton (Southern) Ltd, Proton House, West Quay Road, Southampton, Hampshire, SO15 1GZ

Tel: 023 80632766 Fax: 023 80315999

Email: generalenquiries@proton-washrite.co.uk

2. Composition/ Information on Ingredients

Product Description: Detergent Sanitiser for Machine Cleaning and Glass Refurbishment.

Hazardous Ingredients:

Substance	Symbol	%WT
Disodium Metasilicate	C; R33-37	<10%
Sodium Hypochlorite	C; R34-31	3% Cl Active

3. Hazards Identification

Irritant. Irritating to eyes and skin. Contact with acids liberates toxic gas.

4. First Aid Measures

Eyes: Irrigate thoroughly with water for at least 15 minutes. Seek medical attention if irritation persists.

Skin: Remove contaminated clothing. Wash off with water. If any irritation persists seek medical advice.

Ingestion: Wash out mouth with water immediately and give water or milk to drink. Do not induce vomiting and seek medical attention immediately.

Inhalation: Remove from exposure. Keep warm and at rest. If symptoms persist seek medical attention immediately

5. Fire Fighting Measures

Extinguishing Media: Non-combustible. Use extinguishing media appropriate to surrounding fire conditions.

Protective Equipment: As appropriate to conditions and surrounding chemical environment.

6. Accidental Release Measures

Personal: Gloves / overalls may be appropriate. See personal protection/exposure controls (section 8).

Environmental: Not applicable

Spillages: Dilute to drain with copious quantities of water. Observe local authority waste disposal regulations.

7. Handling and Storage

Handling: Adopt normal chemical handling techniques to prevent unnecessary exposure and good personal hygiene practices. Avoid contact with eyes and skin.

Storage: Store in original containers, away from sources of heat and frost.

8

8. Exposure Control/ Personal Protection

Respiratory Protection: Use of face mask or respirator may be appropriate depending on the application.

Hand Protection: Wear gloves.

Eye Protection: Wear suitable eye/face protection. where appropriate.

Skin Protection: Overalls / aprons may be appropriate when handling concentrate or solutions.

Occupational Exposure Limits:

	LTEL (8hr TWA)		STEL (15mins)		Notes
	ppm	mg/m ³	ppm	mg/m ³	
Chlorine	0.5		1	2	EH40
Dust (Inhalable)			10		
Dust (Respirable)			4		

9. Physical and Chemical Properties

Appearance	White powder.	Boiling Point	100 degree C.
Odour	Slight chlorine.	pH @ 1%	11.5.
Solubility	Miscible with water.	Flash Point	Non-flammable powder.

10. Stability and Reactivity

Conditions to Avoid: Elevated temperatures and moisture.
 Materials to Avoid: Contact with acids will liberate toxic chlorine gas.
 Hazardous Decomposition: Stable under normal conditions of storage at room temperature.

11. Toxicological Information

Eye Contact: Irritating to eyes.
 Skin Contact: Irritating to skin.
 Ingestion: Low toxicity. May cause gastro intestinal irritation, possibly vomiting.
 Inhalation: Inhalation of mist / sprays may cause irritation.

12. Ecological Information

No evidence of bioaccumulation. Increases in pH above 10.5 may be fatal to fish and other aquatic organisms.

13. Disposal Consideration

Consult local authority regulations before disposal. Flush to drain with water. Contain large spillages with earth or sand.

14. Transport Information

Road	Not Classified
Rail	Not Classified
Sea	Not Classified
Air	Not Classified
Proper shipping name	N/A

15. Regulatory Information

Hazard Symbol: Irritant.



Risk Phrases: R36/38 Irritating to eyes and skin.
 R31 Contact with acids liberates toxic gas

Safety Phrases: S2 Keep out of reach of children.
 S24/25 Avoid contact with eyes and skin.
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S37 Wear suitable gloves.

16. Other Information

The information supplied in this safety data sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.