



**SUPERSTEAM**  
THE CHOICE OF CLEANING PROFESSIONALS

## **Safety Data Sheet (SDS)**

### **Premium Kleen Plus**

#### **Section 1: Identification**

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**Product Identifier:** Premium Kleen Plus  
**Recommended Use:** Abrasive cleaner. Suitable for stainless steel, copper, brass, chrome, ceramic and cement surface.  
**Supplier:** SuperSteam Asia Pacific Pte Ltd  
11 Changi South Street 3 #03-02 Singapore 486122  
**Phone:** +65 6595 4333 (Mon-Fri, 9am – 6pm)  
**Fax:** +65 6745 2440  
**Email:** info@SuperSteam.com.sg

#### **Section 2: Hazards Identification**

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##### **GHS Classification**

Serious Eye Damage / Irritation: Category 2

##### **GHS Label Elements**

##### **Pictograms:**



**Signal Word:** Corrosives

##### **Hazard Statements:**

H302: Harmful if swallowed.  
H320: Causes eye irritation.

##### **Precautionary Statements:**

P103: Read label before use.  
P264: Wash hands thoroughly after handling.

**Response:**

P301 + P330 + P331: If Swallowed: Rinse mouth, Do NOT induce vomiting.  
P352: (After handling) Wash hands thoroughly with water.  
P305 + P351 + P338: If in eyes: Rinse cautiously with water for several minutes.  
Remove contact lenses if present and easy to do. Continue rinsing.

**Storage:**

P233: Keep container tightly closed.

**Disposal:**

P501: Dispose of contents / containers in accordance with Singapore regulations.

### Section 3: Composition / Information on Ingredients

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Component Name	CAS	Composition
Corrosion Inhibitor		1-5%
Surfactant Blend		0-5%
Sodium Metasilicate Pentahydrate		>60%

### Section 4: First-Aid Measures

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**General Advice:**

Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Seek medical advice if you feel unwell. Show this safety data sheet to the doctor in attendance.

**Inhalation:**

Remove victim to fresh air. Investigate possible misuse of material. Seek medical attention.

**Skin Contact:**

After handling, wash hands thoroughly with water.

**Eye Contact:**

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persist, seek medical advice.

**Ingestion:**

If Swallowed: Rinse mouth, Do NOT induce vomiting. Seek medical advice immediately.

### Section 5: Fire-Fighting Measures

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**Suitable Extinguishing Media:**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Specific Hazards Arising From the Chemical:**

Do not allow run-off from fire fighting to enter drains or water courses.

**Special Protective Actions for Fire Fighters:**

In event of fire, wear self-contained breathing apparatus.

## Section 6: Accidental Release Measures

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### **Personal Precautions, Protective Equipment and Emergency Measures:**

For personal protection, see section 8.

### **Environmental Precautions:**

Should large quantities of the product contaminate rivers, reservoirs or drains, please inform respective authorities.

### **Methods and Materials for Containment and Cleaning Up:**

Sweep up, but avoid generating dust. Vacuum area. Collect and seal in properly labelled drums for disposal. Wash area down with excess water. If contamination of sewers or waterways occurs inform the local waste management.

## Section 7: Handling and Storage

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### **Precautions for Safe Handling:**

For personal protection, see section 8. Avoid contact with eyes. Eating, drinking or smoking in work areas is prohibited. After handling, always wash hands thoroughly with water. Remove contaminated clothing and protective equipment before entering eating areas.

### **Conditions for safe storage, including any incompatibilities:**

Keep container tightly closed and properly labelled.

## Section 8: Exposure Controls/Personal Protection

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### **Control Parameters / Occupational Exposure Limits:**

N.A.

### **Appropriate Engineering Control Measures:**

Effective exhaust ventilation system. Ensure that eyewash stations and safety showers are close to the workstation location.

### **Personal Protection:**

#### **Respiratory Protection:**

Wear safety mask.

#### **Skin Protection:**

Plastic or rubber gloves.

#### **Eye Protection:**

Wear safety glasses as a minimum eye protection. Conditions may warrant the use of chemical goggles and possibly a face shield. Consult your standard operating procedure or safety professional for advice.

## Section 9: Physical and Chemical Properties

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Appearance at 25°C: Fine white powder  
Odour: N.A.

### Property:

pH: 12.00-12.5 (1% solution)  
Freezing point: N.A.  
Initial boiling point / range: Not available  
Flashpoint: Not available  
Evaporation Rate: Not available  
Flammability: N.A.  
Upper/lower flammability: Non-flammable. Not fire hazard  
Vapour Pressure: Non volatile  
Vapour Density: N.A.  
Relative Density: N.A.  
Solubility in water at 25°C: Incomplete  
Partition Coefficient: N.A.  
Auto-ignition temperature: Not available  
Decomposition temperature: Not available  
Viscosity: N.A.

## Section 10: Stability and Reactivity

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### Reactivity:

N.A.

### Chemical Stability:

The product is stable.

### Possibility of Hazardous Reactions:

Stable under normal conditions.

### Conditions to Avoid:

N.A.

### Incompatible Materials:

N.A.

### Hazardous Decomposition Products:

No hazardous decomposition products are known.

## Section 11: Toxicological Information

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### Inhalation:

Toxic. May cause irritation to the mouth, nose and throat. Inhalation of dust may result in respiratory irritation and serious damage to lung.

### Skin:

May cause skin irritation in susceptible persons  
Skin inflammation is characterized by itching, scaling, reddening or occasionally, blistering.

Effect will depend on concentration and length of time of exposure

**Eyes:**

May cause irreversible eye damage

**Ingestion:**

May cause gastrointestinal disturbances.

## **Section 12: Ecological Information**

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**Ecotoxicity Effects:**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**Persistence and Degradability**

The product is readily biodegradable.

**Bioaccumulative Potential**

The ingredients used demonstrate low potential for bioaccumulation

**Mobility in Soil**

No available information

**Other Adverse Effects**

N.A.

## **Section 13: Disposal Considerations**

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Dispose of all waste and contaminated equipment in accordance with all applicable federal, state and local health and environmental regulations. Recovery and reuse, rather than disposal, should be the ultimate goal of handling efforts. The materials resulting from the clean-up operations may be hazardous wastes and therefore, subject to specific regulations. Use only licensed transporters and permitted facilities for waste disposal.

## **Section 14: Transport Information**

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UN Number: 3253 (Class 8, Packing Group 3)

## **Section 15: Regulatory Information**

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**Applicable National Regulations:**

Workplace Safety and Health Act and Workplace Safety and Health (General Provisions) Regulations: This product is subject to the SDS, labelling and other requirements in the Act/Regulations.

Environmental Protection and Management Act: This product is subject to the requirements in the Act/Regulations.

## Section 16: Other Information

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### Usage information

Normal soil = 20 grams per liter of water

Heavy soil = 40 grams per liter of water

**Expiry date:** 2 years from the date of production (unopened cap, intact seal, stored in normal temperature away from high heat and direct sunlight).

Date Created and Latest Revision(s)

**30 April 2018:** Date of issue of SDS.

**23 November 2018:** Updated Section 1

**7 June 2021:** Date of review without any changes

### Product proudly manufactured in Singapore.

SuperSteam Asia Pacific Pte Ltd is a one-stop distributor of professional cleaning machines, janitorial supplies and cleaning chemicals. Please feel free to contact us if you have any questions on this product or face any cleaning problems.

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~ End of SDS ~