



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

### **Refreshing Floral**

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

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Product Identifier:	<b>Refreshing Floral</b>
Recommended Use:	Neutral multipurpose cleaner with a refreshing fragrance. Non-toxic and biodegradable. Fortified with antibacterial agent Benzalkonium Chloride (Quaternary Ammonium Compound).
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

***This product is made in Singapore in a ISO 22000:2018 compliant facility.***

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

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##### **GHS Classification**

Acute Toxicity – Oral:	Category 4
Serious Eye Damage / Irritation:	Category 2

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

**Pictograms: N.A.**

**Signal Word: N.A.**

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

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

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

P102:	Keep out of reach of children.
P103:	Read label before use.
P264:	Wash hands thoroughly after handling.
P280:	Wear protective gloves.

##### **Response:**

P301 + P330 + P331:	If Swallowed: Rinse mouth, Do NOT induce vomiting.
P303 + P361 + P353:	If on Skin: Remove/take off immediately all contaminated clothing. Rinse skin with water / shower.
P352:	(After handling) Wash hands thoroughly with soap and water.
P363:	Wash contaminated clothing before reuse.
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:**

P402: Store in a dry place.  
P403: Store in a well-ventilated place.

**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
Non-ionic Surfactant		<12%
Fragrance	5989-27-5, 110-41-8, etc	<4%
Benzalkonium chloride (Quaternary Ammonium Compound)	63449-41-2	<2%

**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.

**Skin Contact:**

After handling, wash hands thoroughly with soap and water.  
If on skin, remove/take off immediately all contaminated clothing. Rinse skin with water / shower.  
Wash contaminated clothing before reuse.

**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 persists, 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. Use personal protective equipment (e.g. gloves, boots) and ensure adequate ventilation

### Environmental Precautions:

Do not flush into surface or sanitary sewer system. If the product contaminates rivers, reservoirs or drains, inform respective authorities.

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

Soak up with inert absorbent material (e.g. sawdust). Keep in suitable, closed containers for disposal.

## Section 7: Handling and Storage

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### Precautions for Safe Handling:

For personal protection, see section 8. Avoid contact with eyes, skin and clothing. Eating, drinking or smoking in work areas is prohibited. After handling, always wash hands thoroughly with soap and 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 in a dry and well-ventilated place.

## 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:

In case of vapour formation, use a respirator with an approved filter

#### 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:	Green Liquid
Odour:	Serene Floral Fragrance

### Property:

pH:	7.0 ± 2.0
Freezing point:	N.A.
Initial boiling point / range:	Not available

Flashpoint:	Not available
Evaporation Rate:	Not available
Flammability:	N.A.
Upper/lower flammability:	N.A.
Vapour Pressure:	Non volatile
Vapour Density:	N.A.
Relative Density:	1.001
Solubility in water at 25°C:	Completely soluble
Partition Coefficient:	N.A.
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Not available

## 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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### 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 irritation to mucous membranes.

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**

Fully 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: N/A (not classified as hazardous)  
This product is not regulated under ICAO/IATA.

## **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**

Recommended Dilution (1 part of chemical to X parts of water)  
Neat if used as perfume fragrance  
1:10 spray and wipe  
1:50 Normal mopping

**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)

**5 October 2011:** Date of issue of SDS.

**7 May 2012:** Added Usage information for Recommended Dilution.

**17 July 2012:** Updated with ISO 22000 compliant facility.

**6 October 2012:** Updated Section 3

**4 May 2014:** Updated Relative Density under Physical and Chemical Properties (Section 9).

**10 June 2014:** Updated pH value under Physical and Chemical Properties (Section 9).

**26, December, 2014:** Updated Section 14

**2 October 2017:** Last review without changes

**29 December 2017:** Updated Section 16

**9 March 2018:** Updated Section 2

**23 November 2018:** Updated Section 1

**15 March 2019:** Date of review of SDS without any changes

**21 October 2019:** Updated Section 3

**4 April 2020:** Updated Section 3

**25 June 2020:** Updated Section 3

**29 September 2020:** Updated Section 14

**10 November 2020:** Updated Section 1

**25 January 2021:** Updated Section 9

**24 February 2022:** Updated Section 1, Section 2, Section 4, Section 8 and Section 11.

**Product proudly manufactured in Singapore.**

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~ End of SDS ~