



# Material Safety Data Sheet

Material Name: Handwipe

## \*\*\* Section 6 - Accidental Release Measures \*\*\*

### Containment Procedures

No special containment procedures necessary.

### Clean-Up Procedures

Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations.

### Evacuation Procedures

None.

### Special Procedures

None.

## \*\*\* Section 7 - Handling and Storage \*\*\*

### Handling Procedures

Avoid contact with eyes

### Storage Procedures

Avoid excessive heat

## \*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\*

### A: Component Exposure Limits

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

### Engineering Controls

Use general ventilation.

### PERSONAL PROTECTIVE EQUIPMENT

#### Personal Protective Equipment: Eyes/Face

None necessary under anticipated use conditions.

#### Personal Protective Equipment: Skin

None necessary under anticipated use conditions.

#### Personal Protective Equipment: Respiratory

None necessary under anticipated use conditions.

#### Personal Protective Equipment: General

None

## \*\*\* Section 9 - Physical & Chemical Properties \*\*\*

**Appearance:** Towelette with liquid

**Physical State:** Solid

**Vapor Pressure:** Not Determined

**Boiling Point:** Not Determined

**Solubility (H2O):** Not Determined

**Evaporation Rate:** Not Determined

**Octanol/H2O Coeff.:** Not Determined

**Flash Point Method:** Not Determined

**Lower Flammability Limit (LFL):** Not Determined

**Auto Ignition:** Not Determined

**Odor:** Slight

**pH:** Not Determined

**Vapor Density:** Not Determined

**Melting Point:** Not Determined

**Specific Gravity:** Not Determined

**VOC:** Not Determined

**Flash Point:** Not Determined

**Upper Flammability Limit (UFL):** Not Determined

**Burning Rate:** Not Determined

## \*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\*

### Chemical Stability

Stable under normal conditions.

### Chemical Stability: Conditions to Avoid

Storage in excessive heat.

### Incompatibility

Avoid contact with strong oxidizing agents, bases, reducing agents, and nitrates.

### Hazardous Decomposition

Carbon monoxide, corrosive amines and other unidentified organic compounds.

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## Possibility of Hazardous Reactions

Will not occur.

### \*\*\* Section 11 - Toxicological Information \*\*\*

## Acute Dose Effects

### Component Analysis - LD50/LC50

#### Water (7732-18-5)

Oral LD50 Rat: >90 mL/kg

#### Citric acid (77-92-9)

Oral LD50 Rat: 3000 mg/kg

## Carcinogenicity

### Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

### \*\*\* Section 12 - Ecological Information \*\*\*

## Ecotoxicity

### Component Analysis - Ecotoxicity - Aquatic Toxicity

#### Citric acid (77-92-9)

##### Test & Species

	Conditions
96 Hr LC50 Lepomis macrochirus	1516 mg/L [static]
96 Hr LC50 Leuciscus idus	440 mg/L [static]
15 min EC50 Photobacterium phosphoreum	14 mg/L
72 Hr EC50 Daphnia magna	120 mg/L

### \*\*\* Section 13 - Disposal Considerations \*\*\*

## US EPA Waste Number & Descriptions

### A: General Product Information

Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

### B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

## Disposal Instructions

All wastes must be handled in accordance with local, state and federal regulations.

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

### \*\*\* Section 14 - Transportation Information \*\*\*

## US DOT Information

**Shipping Name:** Not Regulated

### \*\*\* Section 15 - Regulatory Information \*\*\*

## US Federal Regulations

### Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

## State Regulations

### Component Analysis - State

None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

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## Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

## Additional Regulatory Information

## Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Water	7732-18-5	Yes	DSL	EINECS
Isostearamidopropyl Morpholine Lactate	72300-24-4	No	DSL	No
Citric acid	77-92-9	Yes	DSL	EINECS

## \* \* \* Section 16 - Other Information \* \* \*

### Other Information

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial and local laws.

### Key/Legend

NA - Not Applicable  
ND - Not Determined  
ACGIH - American Conference of Governmental Industrial Hygienists  
OSHA - Occupational Safety and Health Administration  
TLV - Threshold Limit Value  
PEL - Permissible Exposure Limit  
TWA - Time Weighted Average  
STEL - Short Term Exposure Limit  
NTP - National Toxicology Program  
IARC - International Agency for Research on Cancer