



## Twinkle<sup>®</sup> Stainless Steel Cleaner & Polish

Revision: 2020-10-05

Version: 04.0

### 1. IDENTIFICATION

**Product name:** Twinkle<sup>®</sup>  
Stainless Steel Cleaner & Polish

**Product Code:** 991224

**SDS #:** MS0800281

**Recommended use:**

- Industrial/Institutional
- Specialty Cleaner
- This product is intended to be used neat.

**Uses advised against:** Uses other than those identified are not recommended

**Manufacturer, importer, supplier:**

|                                                                                                                                                                                                          |                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| US Headquarters<br>Diversey, Inc.<br>1300 Altura Rd., Suite 125<br>Fort Mill, SC 29708<br>Phone: 1-888-352-2249<br>SDS Internet Address: <a href="https://sds.diversey.com">https://sds.diversey.com</a> | Canadian Headquarters<br>Diversey Canada, Inc.<br>6150 Kennedy Road Unit 3<br>Mississauga, Ontario L5T 2J4<br>Phone: 1-800-668-7171 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|

**Emergency telephone number:** 1-800-851-7145; 1-651-917-6133 (Int'l)

### 2. HAZARDS IDENTIFICATION

#### Classification for the undiluted product

|                                      |                                                           |
|--------------------------------------|-----------------------------------------------------------|
| Flammability<br>Gases under pressure | Extremely flammable aerosol, Category 1<br>Compressed gas |
|--------------------------------------|-----------------------------------------------------------|



**Signal word:** **Danger.**

#### Hazard Statements

**EXTREMELY FLAMMABLE AEROSOL. CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED.**

#### Precautionary Statements

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not incinerate. Do not pierce or burn, even after use. Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50 °C (122 °F) which may cause bursting. Dispose of in accordance with all federal, state and local applicable regulations.

**Health hazards not otherwise classified (HHNOC)** - Not applicable

**Physical hazards not otherwise classified (PHNOC)** - Not applicable

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

## Classified Ingredients

| Ingredient(s)      | CAS #      | Weight %     |
|--------------------|------------|--------------|
| Propane            | 74-98-6    | 5 - 10%      |
| Butane             | 106-97-8   | 5 - 10%      |
| Alkyl alkanolamide | 68155-20-4 | > 0.1 - < 1% |
| Ammonium hydroxide | 1336-21-6  | > 0.1 - < 1% |

## 4. FIRST AID MEASURES

### Undiluted Product:

**Eyes:** Rinse with plenty of water. If irritation occurs and persists, get medical attention.

**Skin:** Wash with plenty of water for at least 15 minutes.

**Inhalation:** No specific first aid measures are required.

**Ingestion:** Rinse mouth with water.

**Most Important Symptoms/Effects:** No information available.

**Immediate medical attention and special treatment needed:** Not applicable.

**Aggravated Medical Conditions:** None known.

## 5. FIRE-FIGHTING MEASURES

### Specific methods:

No special methods required

### Suitable extinguishing media:

Dry chemical, water spray, foam, carbon dioxide.

### Specific hazards:

Aerosol product - Containers may rocket or explode in heat of fire. NFPA 30B Level 3 Aerosol.

**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Extinguishing media which must not be used for safety reasons:** No information available.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions:

Remove all sources of ignition. Contents under pressure. Do not puncture or incinerate cans.

### Environmental precautions and clean-up methods:

Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

## 7. HANDLING AND STORAGE

**Handling:** EXTREMELY FLAMMABLE AEROSOL. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. PRESSURIZED CONTAINER: Do not pierce or burn, even after use. Do not incinerate. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:** NFPA 30B Level 3 Aerosol. Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50 °C (122 °F) which may cause bursting.

**Aerosol Level (if applicable):** Level 3

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Guidelines:

| Ingredient(s) | CAS #    | ACGIH           | OSHA                                           |
|---------------|----------|-----------------|------------------------------------------------|
| Propane       | 74-98-6  |                 | 1000 ppm (TWA)<br>1800 mg/m <sup>3</sup> (TWA) |
| Butane        | 106-97-8 | 1000 ppm (STEL) |                                                |

### Undiluted Product:

#### Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels.

#### Personal Protective Equipment

It is the responsibility of the employer to determine the potential risk of exposure to hazardous chemicals for employees in the workplace in order to

determine the necessity, selection, and use of personal protective equipment.

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| <b>Eye protection:</b>           | No personal protective equipment required under normal use conditions. |
| <b>Hand protection:</b>          | No personal protective equipment required under normal use conditions. |
| <b>Skin and body protection:</b> | No personal protective equipment required under normal use conditions. |
| <b>Respiratory protection:</b>   | No personal protective equipment required under normal use conditions. |
| <b>Hygiene measures:</b>         | Handle in accordance with good industrial hygiene and safety practice. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                                                                 |                                                                          |
|---------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| <b>Physical State:</b> Aerosol                                                  | <b>Color:</b> Opaque, White                                              |
| <b>Evaporation Rate:</b> No information available                               | <b>Odor:</b> Characteristic                                              |
| <b>Odor threshold:</b> No information available.                                | <b>Boiling point/range:</b> Not determined                               |
| <b>Melting point/range:</b> Not determined                                      | <b>Decomposition temperature:</b> Not determined                         |
| <b>Autoignition temperature:</b> No information available                       | <b>Solubility:</b> Dispersible                                           |
| <b>Solubility in other solvents:</b> No information available                   | <b>Relative Density (relative to water):</b> 0.85                        |
| <b>Density:</b> 7.09 lbs/gal 0.85 Kg/L                                          | <b>Vapor density:</b> No information available                           |
| <b>Bulk density:</b> No information available                                   | <b>Vapor pressure:</b> No information available.                         |
| <b>Flash point (°F):</b> <-20°F ≈ -29 °C                                        | <b>Partition coefficient (n-octanol/water):</b> No information available |
| <b>Viscosity:</b> No information available                                      | <b>Elemental Phosphorus:</b> 0.00 % by wt.                               |
| <b>VOC:</b> 15 % *                                                              | <b>pH:</b> ≈ 10.8                                                        |
| <b>Flammability (Solid or Gas):</b> Not applicable                              | <b>Corrosion to metals:</b> Not corrosive to metals                      |
| <b>Sustained combustion:</b> Not applicable                                     |                                                                          |
| <b>Explosion limits: - upper:</b> Not determined <b>- lower:</b> Not determined |                                                                          |

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

## 10. STABILITY AND REACTIVITY

|                                          |                                                                                                                |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Reactivity:</b>                       | Not Applicable                                                                                                 |
| <b>Stability:</b>                        | The product is stable                                                                                          |
| <b>Hazardous decomposition products:</b> | None reasonably foreseeable.                                                                                   |
| <b>Materials to avoid:</b>               | Do not mix with any other product or chemical unless specified in the use directions.                          |
| <b>Conditions to avoid:</b>              | Extremes of temperature and direct sunlight. Keep away from open flames, hot surfaces and sources of ignition. |

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure:

Skin contact, Inhalation, Eye contact

### Delayed, immediate, or chronic effects and symptoms from short and long-term exposure

**Skin contact:** Unlikely to be irritant in normal use.

**Eye contact:** May be mildly irritating to eyes.

**Ingestion:** No information available.

**Inhalation:** No information available.

**Sensitization:** No known effects.

**Target Organs (SE):** None known

**Target Organs (RE):** None known

### Numerical measures of toxicity

**ATE - Oral (mg/kg):** >5000

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No information available.

**Persistence and Degradability:** No information available.

**Bioaccumulation:** No information available.

### 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products (undiluted product):** This product, as sold, if discarded or disposed, is a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

**RCRA Hazard Class (undiluted product):** D001 Ignitable Waste

**Contaminated Packaging:** Do not re-use empty containers.

### 14. TRANSPORT INFORMATION

**DOT/TDG/IMDG:** The information provided below is the full transportation classification for this product. This description does not account for the package size(s) of this product, that may fall under a quantity exception, according to the applicable transportation regulations. When shipping dangerous goods, please consult with your internal, certified hazardous materials specialist to determine if any exceptions can be applied to your shipment.

**DOT (Ground) Bill of Lading Description:** UN1950, AEROSOLS, FLAMMABLE, 2.1

**IMDG (Ocean) Bill of Lading Description:** UN1950, AEROSOLS, FLAMMABLE, 2.1

### 15. REGULATORY INFORMATION

#### International Inventories at CAS# Level

TSCA

All components are listed or otherwise exempt

DSL

All components are listed or otherwise exempt



**WARNING:** This product can expose you to chemicals including Diethanolamine which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

| Ingredient(s)        | CAS #      | MARTK: | NJRTK: | PARTK: | RIRTK: |
|----------------------|------------|--------|--------|--------|--------|
| Water                | 7732-18-5  | -      | -      | -      | -      |
| White mineral oil    | 8042-47-5  | X      | X      | -      | -      |
| Propane              | 74-98-6    | X      | X      | X      | -      |
| Butane               | 106-97-8   | X      | X      | X      | -      |
| Polydimethylsiloxane | 63148-62-9 | -      | -      | -      | -      |
| Alkyl alkanolamide   | 68155-20-4 | -      | -      | -      | -      |
| Ammonium hydroxide   | 1336-21-6  | X      | X      | X      | X      |
| Sodium benzoate      | 532-32-1   | -      | -      | -      | -      |
| Diethanolamine       | 111-42-2   | X      | X      | X      | X      |
| Diethyl phthalate    | 84-66-2    | X      | X      | X      | X      |

#### CERCLA/ SARA

| Ingredient(s)      | CAS #     | Weight %     | CERCLA/SARA RQ (lbs) | Section 302 TPQ (lbs) | Section 313 |
|--------------------|-----------|--------------|----------------------|-----------------------|-------------|
| Ammonium hydroxide | 1336-21-6 | > 0.1 - < 1% | 1000                 | 100                   | X           |

| Ingredient(s)     | CAS #     | NPRI |
|-------------------|-----------|------|
| White mineral oil | 8042-47-5 | X    |
| Propane           | 74-98-6   | X    |

### 16. OTHER INFORMATION

#### NFPA (National Fire Protection Association)

Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 0  
Flammability 4  
Instability 0  
Special Hazards -

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Version: 04.0

**Reason for revision:** Not applicable  
**Prepared by:** North American Regulatory Affairs  
**Additional advice:** • Does not contain an added fragrance

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