



## Crew Tile & Grout Rejuvenator

Version Number: 5

Preparation date: 2016-02-22

### 1. IDENTIFICATION

**Product name:** Crew Tile & Grout Rejuvenator  
**Product Code:** 100919352  
**SDS #:** MS0800901  
**Recommended use:**

- Industrial/Institutional
- Tile and grout restorer
- 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>2415 Cascade Pointe Blvd.<br>Charlotte, NC 28208<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>3755 Laird Road Units 8-11<br>Mississauga, Ontario L5L 0B3<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

|                                   |            |
|-----------------------------------|------------|
| Skin corrosion/irritation         | Category 2 |
| Serious eye damage/eye irritation | Category 1 |



**Signal Word:** Danger.

#### Hazard and Precautionary Statements

##### **CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE DAMAGE.**

Causes burns/ serious damage to mouth, throat and stomach. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Wash affected areas thoroughly after handling. Wear chemical-splash goggles and chemical-resistant gloves. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Immediately call a Poison Center (1-800-851-7145) or physician. Take off contaminated clothing and wash it before reuse. Dispose of in accordance with all federal, state and local applicable regulations. SUPPLEMENTAL INFORMATION: DO NOT MIX WITH ACIDS, TOILET BOWL CLEANER, AMMONIA OR ANY OTHER CHEMICAL. Can react to release hazardous gases.

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

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

#### Classification for the diluted product @ RTU

#### Hazard and Precautionary Statements

Crew Tile &amp; Grout Rejuvenator

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See undiluted product information above.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Classified Ingredients

| Ingredient(s)       | CAS #     | Weight % |
|---------------------|-----------|----------|
| Sodium hypochlorite | 7681-52-9 | 1 - < 3% |
| Sodium chloride     | 7647-14-5 | 1 - < 3% |
| Sodium hydroxide    | 1310-73-2 | 1 - < 3% |

\*Exact percentages are being withheld as trade secret information

### 4. FIRST AID MEASURES

#### Undiluted Product:

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes.

**Skin:** IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

**Inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**Ingestion:** IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water.

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

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

**Aggravated Medical Conditions:** Persons with pre-existing skin disorders may be more susceptible to irritating effects, Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

#### Diluted Product:

This product is intended to be used neat.

**Eyes:** See undiluted product information above.

**Skin:** See undiluted product information above.

**Inhalation:** See undiluted product information above.

**Ingestion:** See undiluted product information above.

### 5. FIRE-FIGHTING MEASURES

**Specific methods:** No special methods required

**Suitable extinguishing media:** The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

**Specific hazards:** Thermal decomposition can lead to release of irritating gases and vapors.

**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:** Put on appropriate personal protective equipment (see Section 8.).

**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:** Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. DO NOT MIX WITH ACIDS, TOILET BOWL CLEANERS, AMMONIA, OR ANY OTHER CHEMICAL. May vigorously react with acids resulting in spattering and excessive heat. Can react to release hazardous gases. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:** Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

**Aerosol Level (if applicable):** Not applicable.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Exposure Guidelines:

| Ingredient(s)       | CAS #     | ACGIH                         | OSHA                      |
|---------------------|-----------|-------------------------------|---------------------------|
| Sodium hypochlorite | 7681-52-9 | -                             | -                         |
| Sodium chloride     | 7647-14-5 | -                             | -                         |
| Sodium hydroxide    | 1310-73-2 | 2 mg/m <sup>3</sup> (Ceiling) | 2 mg/m <sup>3</sup> (TWA) |

#### Undiluted Product:

##### Engineering measures to reduce exposure:

No special ventilation requirements. General room ventilation is adequate.

##### Personal Protective Equipment

|                                  |  |
|----------------------------------|--|
| <b>Eye protection:</b>           | Chemical-splash goggles.   |
| <b>Hand protection:</b>          | Chemical-resistant gloves.   |
| <b>Skin and body protection:</b> | No special requirements under normal use conditions.                   |
| <b>Respiratory protection:</b>   | No special requirements under normal use conditions.                   |
| <b>Hygiene measures:</b>         | Handle in accordance with good industrial hygiene and safety practice. |

#### Diluted Product:

This product is intended to be used neat.

##### Engineering measures to reduce exposure:

No special ventilation requirements. General room ventilation is adequate.

|                                  |  |
|----------------------------------|--|
| <b>Eye protection:</b>           | Chemical-splash goggles.   |
| <b>Hand protection:</b>          | Chemical-resistant gloves.   |
| <b>Skin and body protection:</b> | No special requirements under normal use conditions.                   |
| <b>Respiratory protection:</b>   | No special requirements under normal use conditions.                   |
| <b>Hygiene measures:</b>         | Handle in accordance with good industrial hygiene and safety practice. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid

**Evaporation Rate:** No information available

**Odor threshold:** No information available.

**Melting point/range:** Not determined

**Autoignition temperature:** No information available

**Solubility in other solvents:** No information available

**Density:** 8.72 lbs/gal 1.046 Kg/L

**Bulk density:** No information available

**Flash point (°F):** > 200 °F > 93.3 °C

**Viscosity:** No information available

**VOC:** 0 % \*

**Flammability (Solid or Gas):** Not applicable

**Sustained combustion:** Not applicable

**Explosion limits: - upper:** Not determined **- lower:** Not determined

@ RTU 13.1 > 200 °F > 93.3 °C

**Color:** Clear, Light, Yellow

**Odor:** Chlorine Medicinal

**Boiling point/range:** Not determined

**Decomposition temperature:** Not determined Not applicable

**Solubility:** Completely Soluble

**Relative Density (relative to water):** 1.046

**Vapor density:** No information available

**Vapor pressure:** No information available.

**Partition coefficient (n-octanol/water):** No information available

**Elemental Phosphorus:** 0.00 % by wt.

**pH:** 13.1

**Corrosion to metals:** Not corrosive

**VOC % by wt. at use dilution** 0

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

## 10. STABILITY AND REACTIVITY

**Reactivity:**

Not Applicable

**Stability:**

The product is stable

**Possibility of hazardous reactions:**

May vigorously react with acids resulting in spattering and excessive heat.

**Hazardous decomposition products:**

None reasonably foreseeable.

**Materials to avoid:**

Do not mix with any other product or chemical. Acids. Ammonia.

**Conditions to avoid:**

No information available.

## 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure:

Skin contact, Inhalation, Ingestion, Eye contact

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

**Skin contact:** Causes skin irritation. Symptoms may include pain (which may be delayed), redness, and/or discomfort.  
**Eye contact:** Corrosive. Causes serious eye damage. Symptoms may include pain, burning sensation, redness, watering, blurred vision or loss of vision.  
**Ingestion:** Causes burns/ serious damage to mouth, throat and stomach. Symptoms may include stomach pain and nausea.  
**Inhalation:** May cause irritation and corrosive effects to nose, throat and respiratory tract. Symptoms may include coughing and difficulty breathing.  
**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):** The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation

**Waste from residues / unused products (diluted product):** This product, when diluted as stated on this SDS, is not 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):** D002 Corrosive Waste

**RCRA Hazard Class (diluted product):** Not Applicable

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

## 14. TRANSPORT INFORMATION

**DOT (Ground) Bill of Lading Description:** CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

**IMDG (Ocean) Bill of Lading Description:** CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

## 15. REGULATORY INFORMATION

**International Inventories at CAS# Level**

All components of this product are listed on the following inventories: U.S.A. (TSCA).

**RIGHT TO KNOW (RTK)**

| Ingredient(s)               | CAS #     | MARTK: | NJRTK: | PARTK: | RIRTK: |
|-----------------------------|-----------|--------|--------|--------|--------|
| Water                       | 7732-18-5 | -      | -      | -      | -      |
| Sodium hypochlorite         | 7681-52-9 | X      | X      | X      | X      |
| Sodium chloride             | 7647-14-5 | -      | -      | -      | -      |
| Sodium hydroxide            | 1310-73-2 | X      | X      | X      | X      |
| Lauryl dimethyl amine oxide | 1643-20-5 | -      | -      | -      | -      |

**CERCLA/ SARA**

| Ingredient(s) | CAS # | Weight % | CERCLA/SARA RQ (lbs) | Section 302 TPQ (lbs) | Section 313 |
|---------------|-------|----------|----------------------|-----------------------|-------------|
|---------------|-------|----------|----------------------|-----------------------|-------------|

|                     |           |          |      |  |  |
|---------------------|-----------|----------|------|--|--|
| Sodium hypochlorite | 7681-52-9 | 1 - < 3% | 100  |  |  |
| Sodium hydroxide    | 1310-73-2 | 1 - < 3% | 1000 |  |  |

**Canadian Regulations**

**16. OTHER INFORMATION**

**NFPA (National Fire Protection Association)**  
 Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

**Health** 3  
**Flammability** 0  
**Instability** 0

**Diluted Product:** This product is intended to be used neat.

**Version Number:** 5  
**Preparation date:** 2016-02-22

**Reason for revision:** Not applicable  
**Prepared by:** NAPRAC  
**Additional advice:**

- Does not contain an added fragrance

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