



## BREAK-UP® Professional Oven & Grill Cleaner

Revision: 2025-01-16

Version: 03.0

### 1. IDENTIFICATION

**Product name:** BREAK-UP®  
Professional Oven & Grill Cleaner  
MS0801099

**SDS #:**

**Recommended use:**

- Industrial/Institutional
- Oven and Grill 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

Flammable aerosol, Category 1  
 Gases Under Pressure, Liquefied gas  
 Skin corrosion, Category 1A  
 Serious eye damage, Category 1  
 Corrosive to metals, Category 1



**Signal word:** Danger.

#### Hazard Statements

**EXTREMELY FLAMMABLE AEROSOL. CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED. CAUSES SEVERE SKIN BURNS AND SERIOUS EYE DAMAGE. MAY BE CORROSIVE TO METALS.**

#### Precautionary Statements

Causes burns/ serious damage to mouth, throat and stomach. 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. Keep only in original container. Do not pierce or burn, even after use. Do not incinerate. Do not breathe spray. Avoid contact with eyes, skin and clothing. Wash affected areas thoroughly after handling. 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 (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. Wash contaminated clothing before reuse. 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. Absorb spillage to prevent material damage. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Store in corrosive-resistant container with a resistant inner liner. Protect from sunlight. 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. SUPPLEMENTAL INFORMATION: DO NOT MIX WITH AMMONIA, BLEACH OR OTHER CHLORINATED COMPOUNDS. Mix only with water. Can react to release hazardous gases. May vigorously react with acids resulting in spattering and excessive heat.

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

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

**BREAK-UP®  
Professional Oven & Grill Cleaner**

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Classified Ingredients

| Ingredient(s)             | CAS #     | Weight % |
|---------------------------|-----------|----------|
| 2-(2-butoxyethoxy)ethanol | 112-34-5  | 10 - 30% |
| Sodium hydroxide          | 1310-73-2 | 7 - 13%  |
| Propane                   | 74-98-6   | 1 - 5%   |
| Monoethanolamine          | 141-43-5  | 1 - 5%   |
| Butane                    | 106-97-8  | 1 - 5%   |

### 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 (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes.

**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.

### 5. FIRE-FIGHTING MEASURES

**Specific methods:** Use water spray to keep fire-exposed containers cool. Aerosol Product - Containers may rocket or explode in heat of fire.

**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. Corrosive material (See sections 8 and 10).

**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:** Can react to release hazardous gases. May vigorously react with acids resulting in spattering and excessive heat. Do not mix with other products or chemicals except as directed on the label. Mix only with water. 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. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not taste or swallow. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Absorb spillage to prevent material damage. ALWAYS WEAR LONG CHEMICAL-RESISTANT GLOVES, CHEMICAL-SPLASH GOGGLES AND PROTECTIVE FOOTWEAR WHEN SPRAYING AND WIPING. Do not spray toward face. Wash hands and arms after use. Do not spray on or let spray contact pilot light, electrical connections, switches, light bulbs, heating elements, receptacles, or thermostats. Spray may cause electric short. Do not let product contact floor coverings, linoleum, aluminum, copper, chrome, painted surfaces or plastics. Do not use on continuous or self-cleaning ovens. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

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

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

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Guidelines:

| Ingredient(s)             | ACGIH                         | OSHA                                           |
|---------------------------|-------------------------------|------------------------------------------------|
| 2-(2-butoxyethoxy)ethanol | 10 ppm (TWA)                  | -                                              |
| Sodium hydroxide          | 2 mg/m <sup>3</sup> (Ceiling) | 2 mg/m <sup>3</sup> (TWA)                      |
| Propane                   | -                             | 1000 ppm (TWA)<br>1800 mg/m <sup>3</sup> (TWA) |
| Monoethanolamine          | 6 ppm (STEL)<br>3 ppm (TWA)   | 3 ppm (TWA)<br>6 mg/m <sup>3</sup> (TWA)       |
| Butane                    | 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>           | Chemical-splash goggles.                                                                                                                                                                                          |
| <b>Hand protection:</b>          | Long chemical-resistant gloves.                                                                                                                                                                                   |
| <b>Skin and body protection:</b> | Protective footwear. Wear suitable protective clothing.                                                                                                                                                           |
| <b>Respiratory protection:</b>   | No personal protective equipment required under normal use conditions. If aerosols, mists, or vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over-exposure. |
| <b>Hygiene measures:</b>         | Handle in accordance with good industrial hygiene and safety practice.                                                                                                                                            |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State** Aerosol

**Evaporation Rate:** No information available

**Odor threshold:** No information available.

**Melting point/freezing point (°C):** Not determined

**Autoignition temperature:** No information available

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

**Density:** 1.02 Kg/L

**Bulk density:** No information available

**Flash point (°F):** -155°F ≈ -104 °C

**Kinematic viscosity** No information available

**VOC:** 6 % \*

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

**Sustained combustion:** Not applicable

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

**Color:** Opaque , Colorless

**Odor:** Hydrocarbon

**Boiling point/range:** Not determined

**Decomposition temperature:** Not determined

**Solubility:** Completely Soluble

**Relative Density (relative to water):** 1.02

**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:** >= 11.5

**Corrosion to metals:** Metal corrosive

\* - 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>Possibility of hazardous reactions:</b> | May vigorously react with acids resulting in spattering and excessive heat.                                    |
| <b>Hazardous decomposition products:</b>   | None reasonably foreseeable.                                                                                   |
| <b>Materials to avoid:</b>                 | Acids. Strong acids. 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, Ingestion, Eye contact

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

**Skin contact:** Corrosive. Causes severe burns. Symptoms may include burns, blisters, redness and pain (which may be delayed).

**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):**

**Numerical measures of toxicity**

**ATE - Oral (mg/kg):** >2000

**ATE - Dermal (mg/kg):** >2000

**ATE - Inhalatory, gases (mg/l):** >20000

**ATE - Inhalatory, mists (mg/l):** >5

**ATE - Inhalatory, vapors (mg/l):** >20

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No information available.

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

**Bioaccumulation:** No information available.

**Mobility:** No information available.

**Other adverse effects** 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). 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

**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  
DSL

All components are listed or otherwise exempt  
All components are listed on DSL/NDL or otherwise exempt.

#### US RIGHT TO KNOW (RTK)

| Ingredient(s)             | CAS #     | MARTK: | NJRTK: | PARTK: | RIRTK: |
|---------------------------|-----------|--------|--------|--------|--------|
| Water                     | 7732-18-5 | -      | -      | -      | -      |
| 2-(2-butoxyethoxy)ethanol | 112-34-5  | -      | X      | -      | -      |
| Sodium hydroxide          | 1310-73-2 | X      | X      | X      | X      |
| Monoethanolamine          | 141-43-5  | X      | X      | X      | -      |
| Propane                   | 74-98-6   | X      | X      | X      | -      |
| Butane                    | 106-97-8  | X      | X      | X      | -      |

#### CERCLA/ SARA

| Ingredient(s)             | CAS #     | Weight % | CERCLA/SARA RQ (lbs) | Section 302 TPQ (lbs) | Section 313 |
|---------------------------|-----------|----------|----------------------|-----------------------|-------------|
| 2-(2-butoxyethoxy)ethanol | 112-34-5  | 10 - 30% |                      |                       | X           |
| Sodium hydroxide          | 1310-73-2 | 7 - 13%  | 1000                 |                       |             |

#### Clean Air Act/Clean Water Act

#### Canadian Regulations

### 16. OTHER INFORMATION

#### NFPA (National Fire Protection Association)

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

Health 3

Flammability 4

Instability 0

Special Hazards -

Revision: 2025-01-16

Version: 03.0

Reason for revision:

Not applicable

Prepared by:

North American Regulatory Affairs

Additional advice:

• Does not contain an added fragrance

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