



BREAK-UP® Professional Oven & Grill Cleaner

Revision: 2020-09-23

Version: 02.0

1. IDENTIFICATION

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

Product Code: CBD991206

SDS #: MS0801099

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 Diversey, Inc. 1300 Altura Rd., Suite 125 Fort Mill, SC 29708 Phone: 1-888-352-2249 SDS Internet Address: https://sds.diversey.com | Canadian Headquarters Diversey Canada, Inc. 6150 Kennedy Road Unit 3 Mississauga, Ontario L5T 2J4 Phone: 1-800-668-7171 |
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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 1C |
| Serious eye damage/eye irritation | Category 1 |
| Flammability | Extremely flammable aerosol, Category 1 |
| Gases under pressure | Compressed gas |
| Metal Corrosion: | 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 container tightly closed. 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. Wear chemical-splash goggles, long chemical-resistant gloves, protective clothing and protective footwear when spraying and wiping. Do not spray towards face. 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 corrosive-resistant container with a resistant

inner liner. 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. 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 strong alkaline products resulting in spattering and excessive heat.

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 % |
|---------------------------|-----------|----------|
| 2-(2-butoxyethoxy)ethanol | 112-34-5 | 10 - 30% |
| Sodium hydroxide | 1310-73-2 | 1 - 5% |
| Isobutane | 75-28-5 | 1 - 5% |
| Butane | 106-97-8 | 1 - 5% |
| Monoethanolamine | 141-43-5 | 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:

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. 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. Do not mix with any other product or chemical. May vigorously react with acids resulting in spattering and excessive heat. 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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

| Ingredient(s) | CAS # | ACGIH | OSHA |
|---------------------------|-----------|-------------------------------|--|
| 2-(2-butoxyethoxy)ethanol | 112-34-5 | 10 ppm (TWA) | |
| Sodium hydroxide | 1310-73-2 | 2 mg/m ³ (Ceiling) | 2 mg/m ³ (TWA) |
| Isobutane | 75-28-5 | 1000 ppm (STEL) | |
| Butane | 106-97-8 | 1000 ppm (STEL) | |
| Monoethanolamine | 141-43-5 | 6 ppm (STEL) 3 ppm (TWA) | 3 ppm (TWA) 6 mg/m ³ (TWA) |

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.

| | |
|----------------------------------|--|
| Eye protection: | Chemical-splash goggles. |
| Hand protection: | Long chemical-resistant gloves. |
| Skin and body protection: | Protective footwear. Wear suitable protective clothing. |
| Respiratory protection: | No personal protective equipment required under normal use conditions. |
| Hygiene measures: | Handle in accordance with good industrial hygiene and safety practice. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|--|
| Physical State: Aerosol | Color: Opaque Tan |
| Evaporation Rate: No information available | Odor: Citrus |
| Odor threshold: No information available. | Boiling point/range: Not determined |
| Melting point/range: Not determined | Decomposition temperature: Not determined |
| Autoignition temperature: No information available | Solubility: Dispersible |
| Solubility in other solvents: No information available | Relative Density (relative to water): 1.05 |
| Density: 1.049 Kg/L | Vapor density: No information available |
| Bulk density: No information available | Vapor pressure: No information available. |
| Flash point (°F): <19°F < -7 °C | Partition coefficient (n-octanol/water): No information available |
| Viscosity: 0 | Elemental Phosphorus: 0.00 % by wt. |
| VOC: 7.9 % * | pH: > 11 |
| Flammability (Solid or Gas): Not applicable | Corrosion to metals: Metal corrosive |
| Sustained combustion: Not applicable | |
| Explosion limits: - upper: Not determined - lower: 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

| | |
|--|--|
| 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: | Acids. Strong acids. Do not mix with any other product or chemical unless specified in the use directions. |
| Conditions to avoid: | 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: Unlikely to be irritant in normal use.

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

ATE - Dermal (mg/kg): >5000

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

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 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

All components are listed or otherwise exempt

DSL

All components are listed or otherwise exempt



WARNING: This product can expose you to chemicals including Lead which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

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 |
| Butane | 106-97-8 | X | X | X | - |
| Isobutane | 75-28-5 | X | X | X | - |
| Monoethanolamine | 141-43-5 | X | X | X | - |
| Myrcene | 123-35-3 | - | - | - | - |

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 | 1 - 5% | 1000 | | |

| Ingredient(s) | CAA HAP | CAA ODS | CWA Priority Pollutants |
|---------------------------|---------|---------|-------------------------|
| 2-(2-butoxyethoxy)ethanol | X | | |

| Ingredient(s) | CAS # | NPRI |
|---------------------------|----------|------|
| 2-(2-butoxyethoxy)ethanol | 112-34-5 | X |

16. OTHER INFORMATION

NFPA (National Fire Protection Association)

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

Health 3
 Flammability 4
 Instability 0
 Special Hazards -

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 Version: 02.0

Reason for revision: Not applicable
 Prepared by: North American Regulatory Affairs
 Additional advice: • Contains an added fragrance, see "Odor" heading in section 9 for specific description

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