SAFETY DATA SHEET



BREAK-UP® Professional Oven & Grill Cleaner

Revision: 2021-03-08

Version: 02.0

1. IDENTIFICATION

Product name:

SDS #: Recommended use:

Uses advised against:

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

Emergency telephone number:

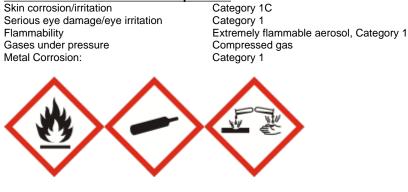
MS0801099 • Industrial/Institutional • Oven and Grill Cleaner • This product is intended to be used neat. Uses other than those identified are not recommended

> Canadian Headquarters Diversey Canada, Inc. 6150 Kennedy Road Unit 3 Mississauga, Ontario L5T 2J4 Phone: 1-800-668-7171

2. HAZARDS IDENTIFICATION

1-800-851-7145; 1-651-917-6133 (Int'l)

Classification for the undiluted product



Signal word:

Danger.

BREAK-UP®

Professional Oven & Grill Cleaner

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. If medical advice is needed, have product container or label at hand. Keep out of reach of children. 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 incinerate. Do not pierce or burn, even after use. 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 SWALCOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. 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

BREAK-UP® Professional Oven & Grill Cleaner

damage. Store locked up. 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.

<u>Health hazards not otherwise classified (HHNOC)</u> - Not applicable <u>Physical hazards not otherwise classified (PHNOC)</u> - 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. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water.

<u>Most Important Symptoms/Effects:</u> No information available. Immediate medical attention and special treatment needed Not applicable.

5. FIRE-FIGHTING MEASURES

Specific methods: Suitable extinguishing media: Specific hazards: No special methods required Dry chemical, water spray, foam, carbon dioxide. Aerosol product - Containers may rocket or explode in heat of fire. Corrosive material (See sections 8 and 10). 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: Environmental precautions and clean-up methods: Remove all sources of ignition. Contents under pressure. Do not puncture or incinerate cans. 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. **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/m³ (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. If aerosols, mists, or vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over-exposure.
Hygiene measures:	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. Decomposition temperature: Not determined Solubility: Dispersible Relative Density (relative to water): 1.05 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 Corrosion to metals: Metal corrosive Explosion limits: - upper: Not determined - lower: Not determined

Color: Opaque , Tan Odor: Citrus Boiling point/range: Not determined Autoignition temperature: No information available Solubility in other solvents: No information available Density: 1.049 Kg/L Bulk density: No information available Flash point (°F): <19°F < -7 °C Viscosity: 0 VOC: 7.9 % * Flammability (Solid or Gas): Not applicable Sustained combustion: Not applicable

* - 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: 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): None known

Numerical measures of toxicity

ATE - Oral (mg/kg):	>5000
ATE - Dermal (mg/kg):	>5000
ATE Inheleters miete (mar/l)	. 20

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 DSL

All components are listed or otherwise exempt 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	-	Х	-	-
Sodium hydroxide	1310-73-2	Х	Х	Х	Х
Butane	106-97-8	Х	Х	Х	-
Isobutane	75-28-5	Х	Х	Х	-
Monoethanolamine	141-43-5	Х	X	Х	-
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%			Х
Sodium hydroxide	1310-73-2	1 - 5%	1000		

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

Canadian Regulations

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

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: 2021-03-08 **Version:** 02.0

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

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