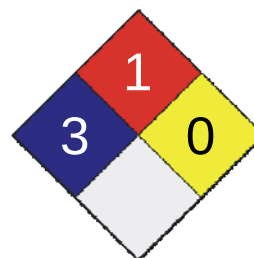


1. Product and Company Identification

Product Name Professional EASY-OFF® - Oven & Grill Cleaner Aerosol
CAS # Mixture
Product use Oven cleaner
Distributed by Reckitt Benckiser
 Morris Corporate Center IV
 399 Interpace Parkway
 P.O. Box 225
 Parsippany, NJ 07054-0225
 In Case of Emergency: 1-800-338-6167
 Transportation Emergencies: 24 Hour Number:
 North America: CHEMTREC: 1-800-424-9300
 Outside North America: 1-703-527-3887

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	/ 3
Flammability	2
Physical Hazard	0
Personal Protection	D



2. Hazards Identification

Emergency overview

DANGER -- CORROSIVE

CAUSES BURNS TO SKIN AND EYES ON CONTACT.
 HARMFUL IF SWALLOWED.
 Contents under pressure.
 Avoid breathing spray mist. Wear long rubber gloves when using. Avoid contact with eyes, skin, mucous membranes and clothing. DO NOT ingest. Use only with adequate ventilation. Do not puncture or incinerate container. DO NOT expose to heat or store at temperatures above 120°F (49°C). Never leave can on stove or near source of heat. Avoid spraying oven pilot light. Keep off all electrical connections such as heating element, thermostat, bulb receptacles, and light switch. Avoid freezing.

KEEP OUT OF REACH OF CHILDREN.

Potential short term health effects

Routes of exposure

Eye, Skin contact, Inhalation, Ingestion.

Eyes

Causes burns.

Skin

Causes burns.
 Not expected to be a skin sensitizer.

Inhalation

None expected during normal conditions of use.
 However intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Ingestion

Harmful if swallowed.

Target organs

Eyes. Respiratory system. Skin. Gastrointestinal tract.

Chronic effects

The finished product is not expected to have chronic health effects.

Signs and symptoms

The product causes burns of eyes, skin and mucous membranes.

OSHA Regulatory Status

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Potential environmental effects

See section 12.

3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	2.5 - 10
Petroleum gases, liquefied, sweetened	68476-86-8	2.5 - 10
Sodium hydroxide	1310-73-2	2.5 - 10
Monoethanolamine	141-43-5	1 - 2.5

4. First Aid Measures

First aid procedures

Eye contact

IMMEDIATELY flush eyes with water. Remove any contact lenses and continue to flush eyes for at least 15 minutes. If irritation persists, seek medical attention immediately.

Skin contact

Rinse immediately and remove contaminated clothing. Wash thoroughly with soap and water and continue flushing for at least 10 minutes. If discomfort persists, seek medical attention immediately.

Inhalation

Move to fresh air. If symptoms develop or persist, seek medical advice.

Ingestion

Do not induce vomiting. Rinse mouth thoroughly and seek medical attention immediately.

Notes to physician

Treat patient symptomatically.

General advice

Keep away from sources of ignition. No smoking. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

5. Fire Fighting Measures

Flammable properties

Aerosol flame extension less than 18 inches (45 cm).

Extinguishing media

Suitable extinguishing media

Dry chemical. Alcohol foam. Water spray.

Unsuitable extinguishing media

Not available

Protection of firefighters

Specific hazards arising from the chemical

Contents under pressure. Pressurized container may explode when exposed to heat or flame. Cool containers with flooding quantities of water until well after fire is out.

Protective equipment for firefighters

Firefighters should wear full protective clothing including self contained breathing apparatus.

Hazardous combustion products

May include and are not limited to: Oxides of carbon. Oxides of nitrogen.

Explosion data

Sensitivity to mechanical impact

Not available

Sensitivity to static discharge

Not available

6. Accidental Release Measures

Personal precautions

Ensure adequate ventilation. Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not contaminate water.

Methods for containment

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up

Before attempting clean up, refer to hazard data given above. Remove sources of ignition. Although the chance of a significant spill or leak is unlikely in aerosol containers, in the event of such an occurrence, absorb spilled material with a non-flammable absorbent such as sand or vermiculite.

7. Handling and Storage

Handling	DANGER Ensure adequate ventilation. Do not get this material in your eyes, on your skin, or on your clothing. Do not breathe vapours or spray mist. Do not ingest. DO NOT expose to heat or store at temperatures above 120°F (49°C) as the container may burst. Wear long rubber gloves when using. Never leave can on stove or near source of heat. Avoid spraying oven pilot light. Keep off all electrical connections such as heating element, thermostat, bulb receptacles, and light switch.
Storage	Keep out of reach of children. Do not store at temperatures above 49 °C (120.2°F). Keep away from heat, open flames or other sources of ignition. Keep from freezing. NOTE TO PARENTS: Intentional misuse by deliberately concentrating and inhaling aerosol products may be harmful or fatal. Help stop inhalation abuse; for information visit www.inhalant.org .

8. Exposure Controls / Personal Protection

Exposure limits	
Ingredient(s)	Exposure Limits
Ethanol, 2-(2-butoxyethoxy)-	ACGIH-TLV Not established OSHA-PEL Not established
Monoethanolamine	ACGIH-TLV TWA: 3 ppm STEL: 6 ppm OSHA-PEL TWA: 3 ppm
Petroleum gases, liquefied, sweetened	ACGIH-TLV Not established OSHA-PEL Not established
Sodium hydroxide	ACGIH-TLV Ceiling: 2 mg/m3 OSHA-PEL TWA: 2 mg/m3
Engineering controls	Provide adequate ventilation.
Personal protective equipment	
Eye / face protection	tightly fitting safety goggles
Hand protection	Rubber gloves. Confirm with a reputable supplier first.
Skin and body protection	As required by employer code. long sleeved clothing Follow label directions carefully.
Respiratory protection	Not normally required under normal use conditions.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

9. Physical and Chemical Properties

Appearance	Foamy Spray
Color	White.
Form	Aerosol
Odor	Characteristic
Odor threshold	Not available
Physical state	Gas
pH	13.3

Freezing point	Not available
Boiling point	Not available
Pour point	Not available
Evaporation rate	Not available
Flash point	> 200 °F (> 93.33 °C) (Liquid)
Auto-ignition temperature	Not available
Flammability limits in air, lower, % by volume	Not available
Flammability limits in air, upper, % by volume	Not available
Vapor pressure	Not available
Vapor density	Not available
Specific gravity	1.052 @ 25°C (Concentrate)
Octanol/water coefficient	Not available
Solubility (H2O)	> 95 % @ 70°F
VOC (Weight %)	Not available
Viscosity	Not available

10. Stability and Reactivity

Reactivity	This product may react with strong oxidizing agents.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Aerosol containers are unstable at temperatures above 49°C (120.2°F). Do not spray on pilot light, electrical connections, switch, heating elements, or thermostats. Do not spray onto aluminum or painted surfaces as damage to these surfaces may occur. Do not use on grill exterior, interior or components.
Incompatible materials	Acids. Oxidizing agents. Aluminum.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon. Oxides of nitrogen.

11. Toxicological Information

Component analysis - LC50

Ingredient(s)	LC50
Ethanol, 2-(2-butoxyethoxy)-	Not available
Monoethanolamine	1210 mg/m3 mouse
Petroleum gases, liquefied, sweetened	Not available
Sodium hydroxide	Not available

Component analysis - Oral LD50

Ingredient(s)	LD50
Ethanol, 2-(2-butoxyethoxy)-	2000 mg/kg guinea pig; 3384 mg/kg rat; 2200 mg/kg rabbit
Monoethanolamine	1720 mg/kg rat; 700 mg/kg mouse
Petroleum gases, liquefied, sweetened	Not available
Sodium hydroxide	Not available

Effects of acute exposure

Eye	Causes burns.
Skin	Causes burns. Not expected to be a skin sensitizer.
Inhalation	None expected during normal conditions of use. However intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.
Ingestion	Harmful if swallowed.
Sensitization	The finished product is not expected to have chronic health effects.
Chronic effects	The finished product is not expected to have chronic health effects.

Carcinogenicity	The finished product is not expected to have chronic health effects.
Mutagenicity	The finished product is not expected to have chronic health effects.
Reproductive effects	The finished product is not expected to have chronic health effects.
Teratogenicity	The finished product is not expected to have chronic health effects.
Name of Toxicologically Synergistic Products	Not available

12. Ecological Information

Ecotoxicity	Components of this product have been identified as having potential environmental concerns.	
Ecotoxicity - Freshwater Algae - Acute Toxicity Data		
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	96 Hr EC50 Desmodesmus subspicatus: >100 mg/L
Monoethanolamine	141-43-5	72 Hr EC50 Desmodesmus subspicatus: 15 mg/L
Ecotoxicity - Freshwater Fish - Acute Toxicity Data		
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	96 Hr LC50 Lepomis macrochirus: 1300 mg/L [static]
Monoethanolamine	141-43-5	96 Hr LC50 Pimephales promelas: 227 mg/L [flow-through]; 96 Hr LC50 Brachydanio rerio: 3684 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 300-1000 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 114-196 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: >200 mg/L [flow-through]
Sodium hydroxide	1310-73-2	96 Hr LC50 Oncorhynchus mykiss: 45.4 mg/L [static]
Ecotoxicity - Water Flea - Acute Toxicity Data		
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	24 Hr EC50 Daphnia magna: 2850 mg/L; 48 Hr EC50 Daphnia magna: >100 mg/L
Monoethanolamine	141-43-5	48 Hr EC50 Daphnia magna: 65 mg/L
Persistence / degradability	Not available	
Bioaccumulation / accumulation	Not available	
Mobility in environmental media	Not available	
Environmental effects	Not available	
Aquatic toxicity	Not available	
Partition coefficient	Not available	
Chemical fate information	Not available	

13. Disposal Considerations

Disposal instructions	Dispose in accordance with all applicable regulations.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

14. Transport Information

U.S. Department of Transportation (DOT)

UN1950, Aerosols, Class 2.2 (8), Re-classed as Limited Quantity, FORBIDDEN FROM AIR TRANSPORT

Transportation of Dangerous Goods (TDG - Canada)

UN1950, Aerosols, Class 2.2 (8), Re-classed as Limited
Quantity, FORBIDDEN FROM AIR TRANSPORT

IMDG (Marine Transport)

UN1950, Aerosols, Class 2.2 (8), Limited Quantity

IATA/ICAO (Air)

UN 1950, Aerosols, non-flammable, containing
substances in Class 8, Packing Group II, 2.2 (8),
FORBIDDEN FROM AIR TRANSPORT

15. Regulatory Information

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical Yes

US Federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Product Registration: Product is compliant with CPSC regulatory guidelines; a specific registration is not required for this product.

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

Sodium hydroxide	1310-73-2	1000 Lb final RQ; 454 kg final RQ
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U.S. - CWA (Clean Water Act) - Hazardous Substances

Sodium hydroxide	1310-73-2	Present
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CERCLA (Superfund) reportable quantity

Sodium hydroxide: 1000.0000

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - No Pressure Hazard - Yes Reactivity Hazard - No
Section 302 extremely hazardous substance	No
Section 311 hazardous chemical	No
Clean Air Act (CAA)	Not available
Clean Water Act (CWA)	Hazardous substance
State regulations	This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

U.S. - California - 8 CCR Section 339 - Director's List of Hazardous Substances

Monoethanolamine	141-43-5	Present
Sodium hydroxide	1310-73-2	Present

U.S. - Illinois - Toxic Air Contaminants

Monoethanolamine	141-43-5	Present
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U.S. - Louisiana - Reportable Quantity List for Pollutants

Sodium hydroxide	1310-73-2	1000 Lb final RQ; 454 kg final RQ
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U.S. - Massachusetts - Right To Know List

Monoethanolamine	141-43-5	Present
Sodium hydroxide	1310-73-2	Present

U.S. - Minnesota - Hazardous Substance List

Monoethanolamine	141-43-5	Present
Sodium hydroxide	1310-73-2	Present

U.S. - New Jersey - Right to Know Hazardous Substance List

Monoethanolamine	141-43-5	sn 0835
Sodium hydroxide	1310-73-2	sn 1706

U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances

Sodium hydroxide	1310-73-2	1000 Lb RQ (air); 100 lb RQ (land/water)
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U.S. - Pennsylvania - RTK (Right to Know) List

Monoethanolamine	141-43-5	Present
Sodium hydroxide	1310-73-2	Environmental hazard

U.S. - Rhode Island - Hazardous Substance List

Monoethanolamine	141-43-5	Toxic; Flammable
Sodium hydroxide	1310-73-2	Toxic (caustic); Flammable (caustic)

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes
A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)		

16. Other Information

Disclaimer	This product should only be used as directed on the label and for the purpose intended. To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.
Further information	Professional EASY-OFF® Oven & Grill Cleaner Aerosol - 24oz - 367270 v4.0
Issue date	29-Feb-2012
Effective date	01-Mar-2012
Prepared by	Reckitt Benckiser Regulatory Department 800-333-3899
Other information	For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.