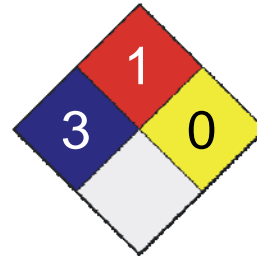


## 1. Product and Company Identification

**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.

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## 7. Handling and Storage

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<b>Handling</b>	<b>DANGER</b> 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.
<b>Storage</b>	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](http://www.inhalant.org).

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## 8. Exposure Controls / Personal Protection

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### Exposure limits

Ingredient(s)	Exposure Limits
Ethanol, 2-(2-butoxyethoxy)-	<b>ACGIH-TLV</b> Not established <b>OSHA-PEL</b> Not established
Monoethanolamine	<b>ACGIH-TLV</b> TWA: 3 ppm STEL: 6 ppm <b>OSHA-PEL</b> TWA: 3 ppm
Petroleum gases, liquefied, sweetened	<b>ACGIH-TLV</b> Not established <b>OSHA-PEL</b> Not established
Sodium hydroxide	<b>ACGIH-TLV</b> Ceiling: 2 mg/m3 <b>OSHA-PEL</b> TWA: 2 mg/m3

<b>Engineering controls</b>	Provide adequate ventilation.
<b>Personal protective equipment</b>	
<b>Eye / face protection</b>	tightly fitting safety goggles
<b>Hand protection</b>	Rubber gloves. Confirm with a reputable supplier first.
<b>Skin and body protection</b>	As required by employer code. long sleeved clothing Follow label directions carefully.
<b>Respiratory protection</b>	Not normally required under normal use conditions.
<b>General hygiene considerations</b>	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.

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## 9. Physical and Chemical Properties

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

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

## 10. Stability and Reactivity

<b>Reactivity</b>	This product may react with strong oxidizing agents.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	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.
<b>Incompatible materials</b>	Acids. Oxidizing agents. Aluminum.
<b>Hazardous decomposition products</b>	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

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

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

## 12. Ecological Information

<b>Ecotoxicity</b>	Components of this product have been identified as having potential environmental concerns.	
<b>Ecotoxicity - Freshwater Algae - Acute Toxicity Data</b>		
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
<b>Ecotoxicity - Freshwater Fish - Acute Toxicity Data</b>		
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]
<b>Ecotoxicity - Water Flea - Acute Toxicity Data</b>		
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
<b>Persistence / degradability</b>	Not available	
<b>Bioaccumulation / accumulation</b>	Not available	
<b>Mobility in environmental media</b>	Not available	
<b>Environmental effects</b>	Not available	
<b>Aquatic toxicity</b>	Not available	
<b>Partition coefficient</b>	Not available	
<b>Chemical fate information</b>	Not available	

## 13. Disposal Considerations

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

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**15. Regulatory Information**

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**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

**U.S. - CWA (Clean Water Act) - Hazardous Substances**

Sodium hydroxide 1310-73-2 Present

**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

**U.S. - Louisiana - Reportable Quantity List for Pollutants**

Sodium hydroxide 1310-73-2 1000 Lb final RQ; 454 kg final RQ

**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)

**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.