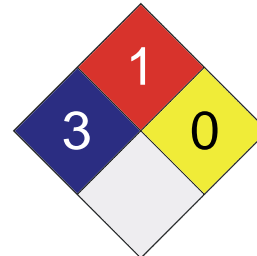


## 1. Product and Company Identification

**Product Name** EASY-OFF® Oven Cleaner - Heavy Duty Regular - Trigger  
**UPC CODES** Refer to section 16  
**CAS #** Mixture  
**Product Use** Oven cleaner  
**Distributed by** Reckitt Benckiser (Canada) Inc.  
 1680 Tech Avenue Unit #2  
 Mississauga, ON L4W 5S9  
 In Case of Emergency: 1-800-888-0192  
 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	1
Physical Hazard	0
Personal Protection	D



## 2. Hazards Identification

### Emergency Overview

**DANGER -- CORROSIVE**  
**CORROSIVE TO EYES AND SKIN**  
 Causes burns.  
 Do not get in eyes, on skin or on clothing.  
**DO NOT swallow.**  
**DO NOT inhale.**  
 Wear long rubber gloves.  
 To open, set bottle on hard level surface. Keep back label facing you. Use one hand to depress the button on the top of the nozzle while you turn the red portion of the nozzle in a counterclockwise direction with the other hand. Rotate nozzle counterclockwise to achieve desired spray pattern.

Keep out of reach of children.

### Potential short term health effects

#### Routes of exposure

Eye, Skin contact, Skin absorption, Inhalation, Ingestion.

#### Eyes

Corrosive.  
Causes burns to eyes on contact.

#### Skin

Corrosive.  
Causes burns to skin and mucous membranes on contact.

#### Inhalation

Corrosive.  
Avoid breathing spray mist.

#### Ingestion

Corrosive.  
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.

### Potential environmental effects

Components of this product have been identified as having potential environmental concerns.

### 3. Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent
Paraffin waxes (petroleum), clay-treated	64742-43-4	0.5 - 1.5
Monoethanolamine	141-43-5	1 - 5
Sodium hydroxide	1310-73-2	3 - 7
Diethylene glycol monobutyl ether	112-34-5	3 - 7

### 4. First Aid Measures

#### First aid procedures

<b>Eye contact</b>	If in eyes, rinse with water for 15 minutes.
<b>Skin contact</b>	If on skin, rinse well with water. If on clothes, remove clothes.
<b>Inhalation</b>	If breathed in, move person into fresh air.
<b>Ingestion</b>	If swallowed, call a Poison Control Centre or doctor immediately. Do not induce vomiting.

#### 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

<b>Flammable properties</b>	Not flammable by WHMIS criteria.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Dry chemical. Alcohol foam. Water spray.
<b>Unsuitable extinguishing media</b>	Not available
<b>Protection of firefighters</b>	
<b>Specific hazards arising from the chemical</b>	Not available
<b>Protective equipment for firefighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.
<b>Hazardous combustion products</b>	May include and are not limited to: Oxides of carbon. Oxides of nitrogen.
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact</b>	Not available
<b>Sensitivity to static discharge</b>	Not available

### 6. Accidental Release Measures

<b>Personal precautions</b>	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.
<b>Environmental precautions</b>	Prevent further leakage or spillage if safe to do so. Do not contaminate water.
<b>Methods for containment</b>	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.
<b>Methods for cleaning up</b>	Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

### 7. Handling and Storage

<b>Handling</b>	CORROSIVE TO EYES AND SKIN. Use good industrial hygiene practices in handling this material. Do not get this material in your eyes, on your skin, or on your clothing. Do not ingest. Do not breathe vapours or spray mist.
<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.

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## 8. Exposure Controls / Personal Protection

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### Exposure limit values

Ingredient(s)	Exposure limit values
Diethylene glycol monobutyl ether	<b>ACGIH-TLV</b> Not established
Monoethanolamine	<b>ACGIH-TLV</b> TWA: 3 ppm STEL: 6 ppm
Paraffin waxes (petroleum), clay-treated	<b>ACGIH-TLV</b> TWA: 2 mg/m <sup>3</sup>
Sodium hydroxide	<b>ACGIH-TLV</b> Ceiling: 2 mg/m <sup>3</sup>

### Engineering controls

Provide adequate ventilation.

### Personal protective equipment

#### Eye/Face protection

Tightly fitting safety goggles.  
Emergency responders should wear full eye and face protection.

#### Hand protection

Wear long rubber gloves when handling.  
Emergency responders should wear impermeable gloves.

#### Skin and body protection

As required by employer code. long sleeved clothing  
Follow label directions carefully.  
Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the liquid is possible.

#### Respiratory protection

Not normally required under normal use conditions.  
Emergency responders should wear self-contained breathing apparatus (SCBA) to avoid inhalation of vapours generated by this product during a spill or other clean-up operations.

#### General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink.  
Washing with soap and water after use is recommended as good hygienic practice to prevent possible eye irritation from hand contact.

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## 9. Physical and Chemical Properties

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Appearance	Liquid
Colour	Off white
Form	Fluid
Odour	Lemon
Odour threshold	Not available
Physical state	Liquid
pH	14 (Basic)
Freezing point	Not available
Boiling point	Not available
Pour point	Not available
Evaporation Rate	Not available
Flash point	> 93.33 °C (> 200 °F) Tagliabue
Auto-ignition temperature	Not available
Flammability limits in air, lower, % by volume	Not available
Flammability Limits in Air, Upper, % by Volume	Not available
Vapour pressure	Not available
Vapour density	Not available
Specific gravity	1.07
Octanol/water coefficient	Not available
Solubility (H <sub>2</sub> O)	Complete

VOC (Weight %)	Not available
Viscosity	Thick

## 10. Stability and Reactivity

<b>Reactivity</b>	This product may react with strong oxidizing agents.
<b>Possibility of hazardous reactions</b>	Hazardous polymerisation does not occur.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	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
Diethylene glycol monobutyl ether	Not available
Monoethanolamine	1210 mg/m3 mouse
Paraffin waxes (petroleum), clay-treated	Not available
Sodium hydroxide	Not available

### Component analysis - Oral LD50

Ingredient(s)	LD50
Diethylene glycol monobutyl ether	2000 mg/kg guinea pig; 3384 mg/kg rat; 2200 mg/kg rabbit
Monoethanolamine	1720 mg/kg rat; 700 mg/kg mouse
Paraffin waxes (petroleum), clay-treated	> 15000 mg/kg rat
Sodium hydroxide	Not available

### Effects of acute exposure

<b>Eye</b>	Corrosive. Causes burns to eyes on contact.
<b>Skin</b>	Corrosive. Causes burns to skin and mucous membranes on contact.
<b>Inhalation</b>	Corrosive. Avoid breathing spray mist.
<b>Ingestion</b>	Corrosive. Harmful if swallowed.
<b>Sensitisation</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

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## 12. Ecological Information

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**Ecotoxicity** Components of this product have been identified as having potential environmental concerns.

**Ecotoxicity - Freshwater Algae - Acute Toxicity Data**

Diethylene glycol monobutyl ether 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**

Diethylene glycol monobutyl ether 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**

Diethylene glycol monobutyl ether 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 and 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

**Other adverse effects** Not available

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## 13. Disposal Considerations

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**Disposal instructions** Dispose in accordance with all applicable regulations.

**Waste from residues / unused products** Not available

**Contaminated packaging** Not available

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## 14. Transport Information

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**U.S. Department of Transportation (DOT)**

UN 3266, Corrosive liquid, basic, inorganic, N.O.S.  
(Sodium Hydroxide, Monoethanolamine), Class 8, PG II,  
Limited Quantity Re-classed as Consumer Commodity ORM-D

**Transportation of Dangerous Goods (TDG - Canada)**

UN 3266, Corrosive liquid, basic, inorganic, N.O.S.  
(Sodium Hydroxide, Monoethanolamine), Class 8, PG II,  
Limited Quantity Re-classed as Consumer  
Commodity/Limited Quantity

**IMDG (Marine Transport)**

UN 3266, Corrosive liquid, basic, inorganic, N.O.S.  
(Sodium Hydroxide, Monoethanolamine), Class 8, PG II,  
Limited Quantity

**IATA/ICAO (Air)**

UN 3266, Corrosive liquid, basic, inorganic, N.O.S.  
(Sodium Hydroxide, Monoethanolamine), Class 8, PG II

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## 15. Regulatory Information

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**Canadian federal regulations**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Smectite group minerals is listed on the NDSL. However, it is exempt from notification to Environment Canada because the substance is naturally occurring.

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

**Canada - WHMIS - Ingredient Disclosure List**

Diethylene glycol monobutyl ether	112-34-5	1 %
Monoethanolamine	141-43-5	1 %
Sodium hydroxide	1310-73-2	1 %

**WHMIS classification**

Exempt - Consumer product

**Inventory Status**

<b>Country(s) or region</b>	<b>Inventory Name</b>	<b>On Inventory (Yes/No)*</b>
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

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**16. Other Information**

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**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**

62200-00404 - 475 mL - EASY-OFF® Oven Cleaner - Heavy Duty Regular - Trigger - 364199

**Issue date**

25-Feb-2011

**Effective Date**

15-Feb-2011

**Expiry Date**

15-Feb-2014

**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.