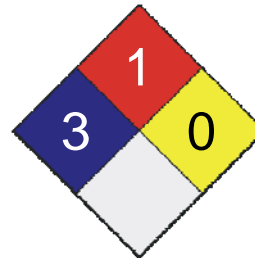


1. Product and Company Identification

Product Name EASY-OFF® Oven Cleaner - Heavy Duty
UPC CODES Refer to section 16
CAS # Mixture
Product Use Oven cleaner
Manufacturer 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	2
Physical Hazard	0
Personal Protection	D



2. Hazards Identification

Emergency Overview

DANGER -- CORROSIVE Contents under pressure.
 CORROSIVE TO EYES AND SKIN Causes burns.
 CONTAINER MAY EXPLODE IF HEATED.
 Do not get in eyes, on skin or on clothing.
 DO NOT swallow.
 DO NOT inhale.
 DO NOT puncture or burn.
 Wear long rubber gloves.
 Use only with adequate ventilation.
 Store away from heat. To remove the safety cap, place both thumbs directly below the word "HERE" located on top of cap. Push cap upwards with both thumbs. DO NOT use knife or other tool to pry cap. Doing so may puncture container.

Keep out of reach of children.

Potential short term health effects

Routes of exposure	Eye, Skin contact, Skin absorption, Inhalation, Ingestion.
Eyes	Causes burns.
Skin	Causes burns.
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.

3. Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent
Monoethanolamine	141-43-5	1 - 5
Sodium hydroxide	1310-73-2	3 - 7
Petroleum gases, liquefied, sweetened	68476-86-8	3 - 7
Diethylene glycol monobutyl ether	112-34-5	3 - 7

4. First Aid Measures

First aid procedures

Eye contact	If in eyes, 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	If on skin, rinse well with water. If on clothes, remove clothes.
Inhalation	If breathed in, move person into fresh air.
Ingestion	If swallowed, call a Poison Control Centre or doctor immediately. Rinse mouth thoroughly. 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

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	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.
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	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.
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 limit values

Ingredient(s)	Exposure limit values
Diethylene glycol monobutyl ether	ACGIH-TLV Not established
Monoethanolamine	ACGIH-TLV TWA: 3 ppm STEL: 6 ppm
Petroleum gases, liquefied, sweetened	ACGIH-TLV Not established
Sodium hydroxide	ACGIH-TLV Ceiling: 2 mg/m ³

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	Aerosol.
Colour	White.
Form	compressed liquefied gas
Odour	Characteristic
Odour threshold	Not available
Physical state	Gas
pH	13.3
Freezing point	Not available
Boiling point	Not available
Pour point	Not available
Flash point	> 93.33 °C (> 200 °F) (liquid)
Evaporation Rate	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	1.052 @ 25°C
Octanol/water coefficient	Not available
Solubility (H2O)	> 95 % @ 70°F
Auto-ignition temperature	Not available
VOC (Weight %)	Not available
Viscosity	Not available

10. Stability and Reactivity

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.
Possibility of hazardous reactions	Hazardous polymerisation does not occur.

11. Toxicological Information

Component analysis - LC50

Ingredient(s)	LC50
Diethylene glycol monobutyl ether	Not available
Monoethanolamine	1210 mg/m3 mouse
Petroleum gases, liquefied, sweetened	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
Petroleum gases, liquefied, sweetened	Not available
Sodium hydroxide	Not available

Effects of acute exposure

Eye	Causes burns.
Skin	Causes burns.
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.
Sensitisation	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.
Synergistic Materials	Not available

12. Ecological Information

Ecotoxicity	Components of this product have been identified as having potential environmental concerns.	
Ecotoxicity - Freshwater Algae 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 Species 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 - Microtox Data		
Monoethanolamine	141-43-5	30 min EC50 Photobacterium phosphoreum: 13.7 mg/L; 17 Hr EC50 Pseudomonas putida: 110 mg/L; 2 Hr EC50 Nitrosomonas: 12200 mg/L
Ecotoxicity - Water Flea 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
Environmental effects	Not available	
Aquatic toxicity	Not available	
Persistence and degradability	Not available	
Bioaccumulation/accumulation	Not available	
Partition coefficient	Not available	
Mobility in environmental media	Not available	
Chemical fate information	Not available	
Other adverse effects	Not available	

13. Disposal Considerations

Waste codes	Not available
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 Consumer Commodity ORM-D,
FORBIDDEN FROM AIR TRANSPORT

Transportation of Dangerous Goods (TDG - Canada)

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

IMDG (Marine Transport)

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

IATA/ICAO (Air)

UN1950, Aerosols , non-flammable, containing
substances in Class 8, Packing Group II, 2.2 (8),
FORBIDDEN FROM AIR TRANSPORT

15. Regulatory Information

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.

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

Country(s) or region	Inventory Name	On Inventory (Yes/No)*
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)

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

62200-00400 - 400g, EASY-OFF® Oven Cleaner: Heavy Duty Regular: 367270

62200-00392 - 600g, EASY-OFF® Oven Cleaner: Heavy Duty Regular: 367270

Issue date

11-Jan-2010

Effective Date

01-Jan-2010

Expiry Date

01-Jan-2013

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.