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

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.


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

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

### 4. First Aid Measures

**First aid procedures**

- **Eye contact**: If in eyes, rinse with water for 15 minutes.
- **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. Do not induce vomiting.

**Notes to physician**

Treat patient symptomatically.

**General advice**

- 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**

Not flammable by WHMIS criteria.

**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**: Not available
- **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.

**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. 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

**Handling**

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.

**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.
8. Exposure Controls / Personal Protection

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>Exposure limit values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylene glycol monobutyl ether</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td>Monoethanolamine</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>TWA: 3 ppm</td>
</tr>
<tr>
<td></td>
<td>STEL: 6 ppm</td>
</tr>
<tr>
<td>Paraffin waxes (petroleum), clay-treated</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>TWA: 2 mg/m3</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>Ceiling: 2 mg/m3</td>
</tr>
</tbody>
</table>

**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.

9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Off white</td>
</tr>
<tr>
<td>Form</td>
<td>Fluid</td>
</tr>
<tr>
<td>Odour</td>
<td>Lemon</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>pH</td>
<td>14 (Basic)</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Not available</td>
</tr>
<tr>
<td>Pour point</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 93.33 °C (&gt; 200 °F) Tagliabue</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability limits in air, lower, %</td>
<td>Not available</td>
</tr>
<tr>
<td>by volume</td>
<td></td>
</tr>
<tr>
<td>Flammability Limits in Air, Upper, %</td>
<td>Not available</td>
</tr>
<tr>
<td>by Volume</td>
<td></td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapour density</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>1.07</td>
</tr>
<tr>
<td>Octanol/water coefficient</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility (H2O)</td>
<td>Complete</td>
</tr>
</tbody>
</table>
10. Stability and Reactivity

Reactivity
This product may react with strong oxidizing agents.

Possibility of hazardous reactions
Hazardous polymerisation does not occur.

Chemical stability
Stable under recommended storage conditions.

Conditions to avoid
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

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

11. Toxicological Information

Component analysis - LC50

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylene glycol monobutyl ether</td>
<td>Not available</td>
</tr>
<tr>
<td>Monoethanolamine</td>
<td>1210 mg/m3 mouse</td>
</tr>
<tr>
<td>Paraffin waxes (petroleum), clay-treated</td>
<td>Not available</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>Not available</td>
</tr>
</tbody>
</table>

Component analysis - Oral LD50

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

Effects of acute exposure

Eye
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.

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.

Name of Toxicologically Synergistic Products
Not available
12. Ecological Information

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

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)
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

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.

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

Canada - WHMIS - Ingredient Disclosure List

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylene glycol monobutyl ether</td>
<td>112-34-5</td>
<td>1 %</td>
</tr>
<tr>
<td>Monoethanolamine</td>
<td>141-43-5</td>
<td>1 %</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>1 %</td>
</tr>
</tbody>
</table>

WHMIS classification
Exempt - Consumer product
## 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
- **62200-00404 - 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.