1. Product and Company Identification

Product Name: EASY-OFF® Fume Free Max Oven Cleaner Aerosol

UPC CODES: Refer to Section 16

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: 1-800-228-4722
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

2. Hazards Identification

Emergency overview

CAUTION
EYE IRRITANT
Contents under pressure.
DO NOT get in eyes.
Wash hands after application and removal.
Do not puncture or incinerate container.
DO NOT expose to heat or store at temperatures above 120°F (49°C).

KEEP OUT OF REACH OF CHILDREN.

Potential short term health effects

Routes of exposure

Eye, Skin contact, Inhalation.

Eyes

Irritating to eyes.

Skin

None expected during normal conditions of use.

Inhalation

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

Ingestion

Health injuries are not known or expected under normal use.

Target organs


Chronic effects

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

Signs and symptoms

irritation

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbonic acid, dipotassium salt</td>
<td>584-08-7</td>
<td>2.5 - 10</td>
</tr>
<tr>
<td>Ethanol, 2-(2-butoxyethoxy)-</td>
<td>112-34-5</td>
<td>2.5 - 10</td>
</tr>
<tr>
<td>Ethanol, 2-amino-</td>
<td>141-43-5</td>
<td>2.5 - 10</td>
</tr>
<tr>
<td>Isobutane</td>
<td>75-28-5</td>
<td>2.5 - 10</td>
</tr>
</tbody>
</table>
### 4. First Aid Measures

- **Eye contact**: If in eyes, IMMEDIATELY rinse eyes with water. Remove any contact lenses and continue rinsing eyes for at least 15 minutes. If irritation persists, get medical attention.
- **Skin contact**: Wash off immediately with soap and plenty of water. Get medical attention if irritation develops or persists.
- **Inhalation**: Move to fresh air. If symptoms develop or persist, seek medical advice.

**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.

- **Ingestion**: Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician or Poison Control Centre immediately.

**Notes to physician**: Treat patient symptomatically.

**General advice**: Do not puncture or incinerate container. 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**: Treat for surrounding material.
  - **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**
  - **CAUTION**: Contents under pressure.
  - Do not puncture or incinerate container.
  - Use according to package label instructions.
  - Use only in well-ventilated areas.
  - Avoid contact with eyes.
  - Keep away from open flames, hot surfaces and sources of ignition.
  - Wash hands after handling and before eating.
8. Exposure Controls / Personal Protection

Exposure limits

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbonic acid, dipotassium salt</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td>Ethanol, 2-(2-butoxyethoxy)-</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td>Ethanol, 2-amino-</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></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>TWA: 3 ppm</td>
</tr>
<tr>
<td>Isobutane</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>TWA: 1000 ppm</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
</tbody>
</table>

Engineering controls

General ventilation normally adequate.

Personal protective equipment

| Eye / face protection              | Avoid contact with eyes. |
|                                    | tightly fitting safety goggles |
| Hand protection                    | No special requirements under normal use conditions. |
|                                    | Protective gloves are recommended for prolonged or repeated exposure. |
| Skin and body protection           | Follow label directions carefully. |
| 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     | Avoid contact with skin, eyes and clothing. |
|                                    | 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

| Appearance                         | Foamy Spray |
| Color                              | Light tan to White. |
| Form                               | Aerosol. |
| Odor                               | Lemon. |
| Odor threshold                     | Not available |
| Physical state                     | Gas |
| pH                                 | 12.5 |
| Freezing point                     | Not available |
Pour point: Not available
Boiling point: Not applicable
Flash point: > 199.94 °F (> 93.3 °C) (Concentrate)
Evaporation rate: Not available
Flammability limits in air, lower, % by volume: Not available
Flammability limits in air, upper, % by volume: Not available
Vapor pressure: Not determined
Vapor density: Not determined
Specific gravity: 1.052 @ 25°C (Concentrate)
Octanol/water coefficient: Not available
Solubility (H2O): >95% @ 70°F
Auto-ignition temperature: Not available
Viscosity: Not available

10. Stability and Reactivity

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.
- Aerosol containers are unstable at temperatures above 49°C (120.2°F). Do not mix with other chemicals. Do not freeze.

Incompatible materials: Acids.
Hazardous decomposition products: May include and are not limited to: Oxides of carbon. Oxides of nitrogen.
Possibility of hazardous reactions: Hazardous polymerization does not occur.

11. Toxicological Information

Component analysis - LC50

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbonic acid, dipotassium salt</td>
<td>Not available</td>
</tr>
<tr>
<td>Ethanol, 2-(2-butoxyethoxy)-</td>
<td>Not available</td>
</tr>
<tr>
<td>Ethanol, 2-amino-</td>
<td>1210 mg/m3 mouse</td>
</tr>
<tr>
<td>Isobutane</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>Carbonic acid, dipotassium salt</td>
<td>1870 mg/kg rat; 2570 mg/m3 mouse</td>
</tr>
<tr>
<td>Ethanol, 2-(2-butoxyethoxy)-</td>
<td>2000 mg/kg guinea pig; 3384 mg/kg rat; 2200 mg/kg rabbit</td>
</tr>
<tr>
<td>Ethanol, 2-amino-</td>
<td>1720 mg/kg rat; 700 mg/kg mouse</td>
</tr>
<tr>
<td>Isobutane</td>
<td>Not available</td>
</tr>
</tbody>
</table>

Effects of acute exposure

Eye: Irritating to eyes.
Skin: None expected during normal conditions of use.
Inhalation: None expected during normal conditions of use. However intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.
Ingestion: Health injuries are not known or expected under normal use.
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.
12. Ecological Information

Ecotoxicity

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

Ecotoxicity - Freshwater Algae Data
- Ethanol, 2-(2-butoxyethoxy) - 112-34-5
  - 96 Hr EC50 Desmodesmus subspicatus: >100 mg/L
- Ethanol, 2-amino - 141-43-5
  - 72 Hr EC50 Desmodesmus subspicatus: 15 mg/L

Ecotoxicity - Freshwater Fish Species Data
- Ethanol, 2-(2-butoxyethoxy) - 112-34-5
  - 96 Hr LC50 Lepomis macrochirus: 1300 mg/L [static]
- Ethanol, 2-amino - 141-43-5
  - 96 Hr LC50 Pimephales promelas: 227 mg/L [flow-through]; 96 Hr LC50 Brachydanio rerio: 3694 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]

Ecotoxicity - Water Flea Data
- Ethanol, 2-(2-butoxyethoxy) - 112-34-5
  - 24 Hr EC50 Daphnia magna: 2850 mg/L; 48 Hr EC50 Daphnia magna: >100 mg/L
- Ethanol, 2-amino - 141-43-5
  - 48 Hr EC50 Daphnia magna: 65 mg/L

Environmental effects
- Not available

Aquatic toxicity
- Not available

Persistence / degradability
- Not available

Bioaccumulation / accumulation
- Not available

Partition coefficient
- Not available

Mobility in environmental media
- Not available

Chemical fate information
- 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)

UN 1950, Aerosols, Class 2.1, Re-classed as Consumer Commodity ORM-D
Transportation of Dangerous Goods (TDG - Canada)

UN 1950, Aerosols, Class 2.1, Re-classed as Consumer Commodity/LTD. QTY

IMDG (Marine Transport)

UN1950, Aerosols, Class 2.1, Limited Quantity

IATA/ICAO (Air)

UN1950, Aerosols, flammable, Limited Quantity

15. Regulatory Information

<table>
<thead>
<tr>
<th>US Federal regulations</th>
<th>This product is a &quot;Hazardous Chemical&quot; as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Registration:</td>
<td>Not registered</td>
</tr>
<tr>
<td>Occupational Safety and Health Administration (OSHA)</td>
<td>29 CFR 1910.1200 hazardous chemical</td>
</tr>
<tr>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>CERCLA (Superfund) reportable quantity</td>
<td>None</td>
</tr>
<tr>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>
Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - Yes
Pressure Hazard - Yes
Reactivity Hazard - No

Section 302 extremely hazardous substance
No

Section 311 hazardous chemical
Yes

Clean Air Act (CAA)
Not available

Clean Water Act (CWA)
Not available

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
Ethanol, 2-amino- 141-43-5 Present

U.S. - Illinois - Toxic Air Contaminants
Ethanol, 2-amino- 141-43-5 Present

U.S. - Massachusetts - Right To Know List
Ethanol, 2-amino- 141-43-5 Present
Isobutane 75-28-5 Present

U.S. - Minnesota - Hazardous Substance List
Ethanol, 2-amino- 141-43-5 Present

U.S. - New Jersey - Right to Know Hazardous Substance List
Ethanol, 2-amino- 141-43-5 sn 0835
Isobutane 75-28-5 sn 1040

U.S. - Pennsylvania - RTK (Right to Know) List
Ethanol, 2-amino- 141-43-5 Present
Isobutane 75-28-5 Present

U.S. - Rhode Island - Hazardous Substance List
Ethanol, 2-amino- 141-43-5 Toxic; Flammable

Inventory status

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

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
62338-00178-4 - EASY-OFF® Fume Free Max Oven Cleaner Aerosol - 16 oz. - 363915

Issue date
11-May-2010

Effective date
15-May-2010

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.