1. PRODUCT AND COMPANY IDENTIFICATION

Item Number / Product code: 0129199

Product name: EASY-OFF® BAM MULTI-SURFACE POWER CLEANER (TRIGGER)

Validation / Revision Date: 06 September 2007

Formula Number: 1174-021 (0129199)

UPC Number and Size: 24 fl. oz. plastic containers, CRC Trigger.

Product Description: Bathroom and Household Cleaner.

Manufacturer: Reckitt Benckiser North America, Inc.
Morris Corporate Center IV
399 Interpace Parkway (P.O. Box 225)
Parsippany, New Jersey 07054-0225

Emergency telephone number: 1-800-228-4722 (U.S.)

Transportation Emergencies: 1-800-424-9300 (U.S. & Canada) CHEMTREC
Outside the U.S. and Canada (North America), call: 703-527-3887

2. COMPOSITION / INFORMATION ON INGREDIENTS
Components:
SULFAMIC ACID 99.5%
5329-14-6
FORMIC ACID, 85%
64-18-6
ETHOXYLATED ALCOHOL
68439-46-3
ALKYL POLYETHYLENE GLYCOL ETHERS (C10)
N/A, MIXTURE

<table>
<thead>
<tr>
<th>Wt %</th>
<th>ACGIH:</th>
<th>OSHA:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-5</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>1-3</td>
<td>STEL: 10 ppm @10 TWA (TLV): 5 ppm @10</td>
<td>TWA (PEL): 5 ppm @10 TWA (PEL): 9 mg/m³ @10</td>
</tr>
<tr>
<td>0-0.5</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>1-5</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
DANGER: CORROSIVE!
CAUSES EYE AND SKIN DAMAGE!
HARMFUL IF SWALLOWED!
VAPOR MAY BE HARMFUL!
DO NOT get in eyes, on skin or on clothing.
DO NOT ingest.
DO NOT breathe vapor or mist.
Use in a well ventilated area.
DO NOT mix with bleach or other household chemicals as harmful fumes may result.
Contains sulfamic and formic acids.
KEEP OUT OF REACH OF CHILDREN

4. FIRST AID MEASURES

Inhalation: If inhaled, move to fresh air. If irritation occurs or persists, get medical attention.

Skin contact: If on skin, IMMEDIATELY wash with soap and water. Get IMMEDIATE medical attention!

Eye contact: In case of eye contact, hold eyes open and IMMEDIATELY rinse eyes thoroughly with plenty of water. Remove any contact lenses and continue rinsing for at least 15 minutes. Get IMMEDIATE medical attention!

Ingestion: If swallowed, DO NOT INDUCE VOMITING. Drink a glass of water and IMMEDIATELY call a Physician or Poison Control Center. Never give an unconscious person anything to ingest.

Notes to physician: Contains Sulfamic Acid.
Contains Formic Acid.

Aggravated Medical Conditions: No information available.

5. FIRE-FIGHTING MEASURES

Flash point: CLOSED CUP: Higher than 93.3º C (>200º F). [Tagliabue].

Flammability Limits in Air:
Lower: No information available.
Upper: No information available.

Autoignition temperature: No information available.
Suitable extinguishing media: As suitable for surrounding fire.

Extinguishing media which must not be used for safety reasons: No information available.

Specific hazards: Contains sulfamic acid.
Contains formic acid.
See Section 3, Hazards Identification.

Unusual hazards: None known

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA / NIOSH (approved or equivalent) and full protective gear.

Specific methods: Standard procedure for chemical fires.

NFPA: Health: 3 Flammability: 0 Instability: 0
HMIS: Health: 3 Flammability: 0 Reactivity: 0

Key: Personal Protection Index = D. (Also see Sections 3 & 8)

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: DANGER:
CORROSIVE!
Avoid contact with eyes, skin and clothing.
For clean-up of any quantity spill, wear appropriate skin and eye / face protection.
Wear additional appropriate personal protective equipment, such as acid chemical boots, apron or full protective clothing as necessary.
Ensure adequate ventilation.

Environmental precautions: Local authorities should be advised if significant spillages cannot be contained.

Methods for cleaning up: When performing the required clean-up operation, wear the appropriate personal protective equipment such as impervious gloves and eye / face protection.
Wear additional appropriate personal protective equipment, such as acid chemical boots, apron or full protective clothing as necessary.
Small spills: Dilute with water and mop up, or absorb with an inert material and place in an appropriate waste disposal container.
Large spills: Contain and collect for later disposal according to local, provincial, state or federal regulations.

7. HANDLING AND STORAGE

Handling: Use with adequate ventilation.

Safe handling advice: DANGER. CORROSIVE!
Causes eye and skin damage.
Avoid contact with eyes, skin and clothing.
HARMFUL IF SWALLOWED!
VAPOR MAY BE HARMFUL!

Storage: Keep away from food items and potable (drinking) water supplies.
Store containers in an upright position in a cool, dry area, inaccessible to small children and pets.
8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:
Use only in area provided with appropriate exhaust ventilation.

VAPOR MAY BE HARMFUL!

Personal Protective Equipment

Respiratory protection: No personal respiratory protective equipment normally required.
Use in a well-ventilated area.
Do not breathe vapour or spray mist.
For occupational exposures, where exhaust ventilation is not adequate to control contaminant levels to below the regulatory TWA, appropriate acid gas or self-contained breathing apparatus (SCBA) respiratory equipment should be worn.
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.

Hand protection: Impervious gloves.
Emergency responders should wear impermeable gloves.

Skin and body protection: In case of continuous exposure or occupational operations, wear protective clothing designed and appropriate for acid chemical exposure.
Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the liquid is possible.

Eye protection: Safety glasses with side-shields.
Avoid contact with eyes.
Appropriate eye protection such as: Safety glasses with side shields, chemical goggles or full face shield for occupational exposures.
Emergency responders should wear full eye and face protection.

Hygiene measures: Avoid contact with eyes, skin, and clothing.
Wash hands with soap and water after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid.
Appearance: Clear liquid.

Colour: Red. Pink
Odour: Fresh.
pH: 0.80
Flash point: Greater than 93°C (>200°F)
Specific gravity: Greater than (> ) 1.0. (Water = 1.0)
Vapour pressure: Not determined.
Solubility: Soluble.

Explosion limits:
- upper: No data available.
- lower: No data available.

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.
Polymerization: Hazardous polymerisation does not occur.
Hazardous decomposition products: Oxides of carbon and unknown organic compounds.
Materials to avoid: Oxidising agents.
Do not use on silver, lacquered, painted or antiqued finished surfaces.
Strong bases.
Conditions to avoid: Store away from excessive heat and moisture.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Component Information:

Product Information

<table>
<thead>
<tr>
<th>Component</th>
<th>LC50/inhalation/4h/rat</th>
<th>LD50/dermal/rabbit</th>
<th>LD50/oral/rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>SULFAMIC ACID 99.5%</td>
<td>No information available.</td>
<td>No information available.</td>
<td>No information available.</td>
</tr>
</tbody>
</table>

Local effects

- Skin irritation: Corrosive to skin!
- Eye irritation: Corrosive to eyes!
- Inhalation: Do not breathe vapour or spray mist. VAPOR MAY BE HARMFUL!
- Ingestion: HARMFUL IF SWALLOWED! See Section 4 for First Aid instructions.
- Sensitization: Not expected to be a skin sensitiser.
- Chronic toxicity: No information available.

Specific effects

- Carcinogenic effects: Not listed as carcinogenic by OSHA, NTP or IARC.

<table>
<thead>
<tr>
<th>Components</th>
<th>NTP:</th>
<th>IARC:</th>
<th>OSHA:</th>
<th>Mexico:</th>
</tr>
</thead>
<tbody>
<tr>
<td>SULFAMIC ACID 99.5%</td>
<td>No</td>
<td>No</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Mutagenic effects: No information available.
- Reproductive toxicity: No information available.
- Target organ effects: No information available.

Information is based on data on the components and the toxicology of similar products.

12. ECOLOGICAL INFORMATION

Product Information

- Aquatic toxicity: Because of pH change (Lower) when in water the possibility of danger to aquatic life exists.

Component Information:

FORMIC ACID, 85%
64-18-6 (1-3)
Ecotoxicity:  
- 25 mg/L EC50 freshwater algae (Scenedesmus subspicatus)  
- 34 mg/L EC50 water flea  
- 5000 mg/L LC50 bluegill

Other information:

Ozone depletion potential; ODP; (R-11 = 1) =  
No information available.

Global warming potential (GWP) =  
No information available.

Additional ecological information:  
Bulk quantities, if spilled, would be toxic to aquatic organisms, fish, birds and mammals. Control and clean up all exterior spills and prevent product from entering any streams, rivers, lakes and all other bodies of water.

### 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:** Dispose of in accordance with local regulations.

**Contaminated packaging:** Empty container can be disposed of as household trash or rinsed and recycled where appropriate.

**Waste Disposal:** Small quantities of waste liquid may be discharged into a sanitary sewer. Discard any absorbed material in trash collection. Rinse empty container thoroughly and discard in trash or recycle.

Large quantities of waste liquid: Contain and collect for evaluation and disposal according to local, state, provincial and federal regulations.

### 14. TRANSPORT INFORMATION

**UN / Id No:** UN 1760

**DOT:**
- **Classification:** UN 1760 - Corrosive Liquid, N.O.S. (Sulfamic Acid, Formic Acid) Class 8, PG II  
  Re-Classed as Consumer Commodity ORM-D.
- **Proper shipping name:** Consumer Commodity
- **U.S. DOT - Hazard Class:** Not applicable.
- **Subsidiary risk:** Not applicable.
- **Packing Group:** Not applicable.
- **DOT RQ (lbs):** Not applicable.
- **ERG No:** 171 / 154

**TDG (Canada):**
- **Classification:** UN 1760 - Corrosive Liquid, N.O.S. (Sulfamic Acid, Formic Acid) Class 8, PG II  
  Re-Classed as Consumer Commodity / Limited Quantity.
- **Proper shipping name:** Consumer Commodity / Limited Quantity / LTD. QTY.
- **Status:** Not applicable.
- **Packing Group:** Not applicable.
- **WHMIS hazard class:** E Corrosive material

**IMDG / IMO**
- **Classification:** UN 1760, Corrosive liquid, N.O.S. (Sulfamic Acid, Formic Acid) Class 8, PG II, Limited Quantity.
- **Proper shipping name:** Corrosive liquid, N.O.S. (Sulfamic Acid, Formic Acid)
- **Class:** 8
- **Subsidiary Risk:** Not applicable.
- **Packing group:** II
- **IMDG page:** Not applicable.
- **Marine pollutant:** Not applicable.
EMS: F-A / S-B
MFAG: See Guide.
Maximum quantity: See IMDG Code.

ADR / RID
Classification: Not applicable.
Proper shipping name: Not applicable.
Class: Not applicable.
Subsidiary risk: Not applicable.
Packing Group: Not applicable.
ADR/RID-labels: Not applicable.
Hazard Identification Number: Not applicable.
CEFIC Tremcard No: Not applicable.

ICAO / IATA:
Classification: UN 1760, Corrosive liquid, N.O.S. (Sulfamic Acid, Formic Acid) Class 8, PG II.
Proper shipping name: Corrosive liquid, N.O.S. (Sulfamic Acid, Formic Acid)
Class: 8
Subsidiary Risk: Not applicable
Packing Group: II
Maximum quantity: See DG List.

15. REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>Components</th>
<th>PICCS</th>
<th>TSCA:</th>
<th>DSL:</th>
<th>EINECS-No</th>
</tr>
</thead>
<tbody>
<tr>
<td>SULFAMIC ACID 99.5%</td>
<td></td>
<td>Present</td>
<td>Present</td>
<td>Present</td>
</tr>
<tr>
<td>FORMIC ACID, 85%</td>
<td></td>
<td>Present</td>
<td>Present</td>
<td>Present</td>
</tr>
<tr>
<td>ETHOXYLATED ALCOHOL</td>
<td></td>
<td>Present</td>
<td>Present</td>
<td>Present</td>
</tr>
<tr>
<td>ALKYL POLYETHYLENE GLYCOL ETHERS (C10)</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

U.S. Regulations:

Components: SULFAMIC ACID 99.5% - 5329-14-6
NJRTK: Not Listed.
California Proposition 65 - None.
CERCLA/SARA 313: None.

Components: FORMIC ACID, 85% - 64-18-6
NJRTK: Not Listed.
California Proposition 65 - None.
CERCLA/SARA 313: None.

Components: ETHOXYLATED ALCOHOL - 68439-46-3
NJRTK: Not Listed.
California Proposition 65 - None.
CERCLA/SARA 313: None.

Components: ALKYL POLYETHYLENE GLYCOL ETHERS (C10) - N/A, MIXTURE
NJRTK: Not Listed.
California Proposition 65 - None.
CERCLA/SARA 313: None.

Canada

WHMIS hazard class: E Corrosive material

16. OTHER INFORMATION

Product code: 0129199
Product name: EASY-OFF® BAM MULTI-
SURFACE POWER CLEANER (TRIGGER)
Reason for revision: This is a new product.

Additional advice: This product should only be used as directed on the label and for the purpose intended.

Prepared by: Reckitt Benckiser (U.S.) Inc.
Product Safety Department
1 Philips Parkway
Montvale, New Jersey 07646-1810 USA.
Phone: 201-573-6391
FAX: 201-476-7770.
Ms. Kathleen Hubert
kathleen.hubert@reckittbenckiser.com

Disclaimer: 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.

National Fire Protection Association (U.S.A.):

HMIS (U.S.A.):

<table>
<thead>
<tr>
<th>Health Hazard</th>
<th>Fire Hazard</th>
<th>Reactivity</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>0</td>
<td>0</td>
<td>D</td>
</tr>
</tbody>
</table>

Product code: 0129199

Product name: EASY-OFF® BAM MULTI-SURFACE POWER CLEANER (TRIGGER)