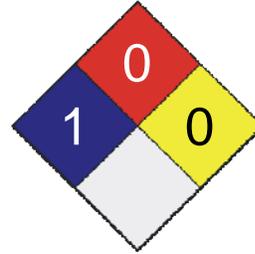


### 1. Product and Company Identification

**Product Name** Professional EASY-OFF® - Glass Cleaner Ready-to-use Spray  
**UPC CODES** Refer to Section 16  
**CAS #** Mixture  
**Product use** 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

Health	/ 1
Flammability	0
Physical Hazard	0
Personal Protection	A



### 2. Hazards Identification

**Emergency overview** KEEP OUT OF REACH OF CHILDREN.  
**Potential short term health effects**  
**Routes of exposure** Eye, Skin contact, Ingestion.  
**Eyes** None expected during normal conditions of use. May cause eye irritation upon direct contact with eyes.  
**Skin** None expected during normal conditions of use. Not expected to be a skin sensitizer.  
**Inhalation** None expected during normal conditions of use.  
**Ingestion** Health injuries are not known or expected under normal use.  
**Target organs** Eyes. Respiratory system. Skin.  
**Chronic effects** The finished product is not expected to have chronic health effects.  
**Signs and symptoms** Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

### 3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
2-Propanol, 1-butoxy-	5131-66-8	1 - 2.5
Isopropanol	67-63-0	1 - 2.5

### 4. First Aid Measures

**First aid procedures**  
**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. If irritation occurs or persists, get medical attention.  
**Skin contact** In keeping with good hygienic practices, wash exposed areas thoroughly with soap and water.  
**Inhalation** Move to fresh air.

**Ingestion**

If swallowed, rinse mouth and drink a glass of water. If symptoms persist, get medical attention. NEVER give an unconscious person anything to ingest. Product not expected to cause adverse effects by this route of exposure.

**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.

## 5. Fire Fighting Measures

**Flammable properties**

Not flammable by OSHA criteria.

**Extinguishing media****Suitable extinguishing media**

Treat for surrounding material.

**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.

**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**

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**

Use good industrial hygiene practices in handling this material. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

**Storage**

Keep out of reach of children. Store in original container in a cool, secure area inaccessible to children and pets.  
Keep from freezing.

## 8. Exposure Controls / Personal Protection

**Exposure limits****Ingredient(s)****Exposure Limits**

2-Propanol, 1-butoxy-

**ACGIH-TLV**

Not established

**OSHA-PEL**

Not established

Isopropanol

**ACGIH-TLV**

TWA: 200 ppm

STEL: 400 ppm

**OSHA-PEL**

TWA: 400 ppm

**Engineering controls**

No special ventilation requirements.

## Personal protective equipment

### Eye / face protection

Not normally required under normal use conditions.  
Direct contact with eye may cause irritation.  
If splashing is likely to occur or for occupational exposures, wear appropriate eye protection.  
Emergency responders should wear full eye and face protection.

### Hand protection

No special requirements under normal use conditions.  
Emergency responders should wear impermeable gloves.

### Skin and body protection

As required by employer code.

### 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.  
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	Spray
Color	Blue
Form	Liquid
Odor	Floral / ammoniacal
Odor threshold	Not available
Physical state	Liquid
pH	10.2 - 11.2
Freezing point	Not available
Boiling point	Not available
Pour point	Not available
Evaporation rate	Not available
Flash point	> 199.94 °F (> 93.3 °C) Tagliabue
Auto-ignition temperature	Not available
Flammability limits in air, lower, % by volume	Not available
Flammability limits in air, upper, % by volume	Not available
Vapor pressure	Not available
Vapor density	Not available
Specific gravity	0.98 - 0.99 (Water = 1)
Octanol/water coefficient	Not available
Solubility (H2O)	Complete

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## 10. Stability and Reactivity

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Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	DO NOT MIX WITH BLEACH or use in conjunction with other household products.
Incompatible materials	Acids. Caustics.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.
Possibility of hazardous reactions	Hazardous polymerization does not occur.

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## 11. Toxicological Information

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### Component analysis - LC50

Ingredient(s)	LC50
2-Propanol, 1-butoxy-	Not available
Isopropanol	16970 mg/l/4h rat

**Component analysis - Oral LD50**

<b>Ingredient(s)</b>	<b>LD50</b>
2-Propanol, 1-butoxy-	3300 mg/kg rat
Isopropanol	4396 mg/kg rat
<b>Effects of acute exposure</b>	
<b>Eye</b>	None expected during normal conditions of use. May cause eye irritation upon direct contact with eyes.
<b>Skin</b>	None expected during normal conditions of use. Not expected to be a skin sensitizer.
<b>Inhalation</b>	None expected during normal conditions of use.
<b>Ingestion</b>	Health injuries are not known or expected under normal use.
<b>Sensitization</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>ACGIH - Threshold Limit Values - Carcinogens</b>	
Isopropanol	67-63-0 A4 - Not Classifiable as a Human Carcinogen
<b>IARC - Group 3 (Not Classifiable)</b>	
Isopropanol	67-63-0 Monograph 71 [1999]; Supplement 7 [1987]; Monograph 15 [1977]
<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>Synergistic Materials</b>	Not available

## 12. Ecological Information

<b>Ecotoxicity</b>	Bulk quantities, if spilled, may be toxic to aquatic organisms, fish, birds and mammals. Control and clean up all exterior spills and prevent liquid from entering any streams, rivers, lakes and all other bodies of water.
<b>Ecotoxicity - Freshwater Algae Data</b>	
Isopropanol	67-63-0 96 Hr EC50 Desmodesmus subspicatus: >1000 mg/L; 72 Hr EC50 Desmodesmus subspicatus: >1000 mg/L
<b>Ecotoxicity - Freshwater Fish Species Data</b>	
Isopropanol	67-63-0 96 Hr LC50 Pimephales promelas: 9640 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 11130 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: >1400000 µg/L
<b>Ecotoxicity - Water Flea Data</b>	
Isopropanol	67-63-0 48 Hr EC50 Daphnia magna: 13299 mg/L
<b>Environmental effects</b>	Not available
<b>Aquatic toxicity</b>	Not available
<b>Persistence / degradability</b>	Not available
<b>Bioaccumulation / accumulation</b>	Not available
<b>Partition coefficient</b>	Not available
<b>Mobility in environmental media</b>	Not available
<b>Chemical fate information</b>	Not available

## 13. Disposal Considerations

<b>Waste codes</b>	Not available
<b>Disposal instructions</b>	Dispose in accordance with all applicable regulations.
<b>Waste from residues / unused products</b>	Not available
<b>Contaminated packaging</b>	Not available

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## 14. Transport Information

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**UN/ID N.o.** Not applicable

**U.S. Department of Transportation (DOT): Classification:** Not regulated

**Proper shipping name** Not applicable

**U.S. DOT Hazard Class** Not applicable

**Subsidiary Risk** Not applicable

**Packing group** Not applicable

**DOT RQ (lbs)** Not applicable  
**ERG NO** Not applicable

**Transportation of Dangerous Goods (TDG - Canada): Classification:** Not regulated

**Proper shipping name** Not applicable

**Status** Not applicable

**Packing group** Not applicable

**IMDG (Marine Transport): Classification:** Not regulated

**Proper shipping name** Not applicable

**Class** Not applicable

**Subsidiary Risk** Not applicable

**Packing group** Not applicable

**IMDG Page** Not applicable

**Marine pollutant** Not applicable

**EMS** Not applicable

**MFAG** Not applicable

**Maximum Quantity** Not applicable

**IATA/ICAO (Air): Classification:** Not regulated

**Proper shipping name** Not applicable

**Class** Not applicable

**Subsidiary Risk:** Not applicable

**Packing group** Not applicable

**Maximum Quantity** Not applicable

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## 15. Regulatory Information

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### US Federal regulations

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Product Registration:** Not registered

#### U.S. - CERCLA/SARA - Section 313 - Emission Reporting

Isopropanol 67-63-0 1.0 % de minimis concentration (only if manufactured by the strong acid process, no supplier notification)

### Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical No

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

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

**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** No

**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

Isopropanol 67-63-0 Present

#### U.S. - Massachusetts - Right To Know List

Isopropanol 67-63-0 Present

#### U.S. - Minnesota - Hazardous Substance List

Isopropanol 67-63-0 Present

#### U.S. - New Jersey - Right to Know Hazardous Substance List

Isopropanol 67-63-0 sn 1076

#### U.S. - Pennsylvania - RTK (Right to Know) List

Isopropanol 67-63-0 Environmental hazard

#### U.S. - Rhode Island - Hazardous Substance List

Isopropanol 67-63-0 Toxic; Flammable

### Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	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

62338-00101-2 - Professional EASY-OFF® - Glass Cleaner Ready-to-use Spray - 32 oz. - 0005953

### Issue date

16-Jul-2010

### Effective date

15-Jul-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.