



Material Safety Data Sheet

Section 1. Product and Company Identification

Product Name	EASY-OFF® HEAVY DUTY OVEN CLEANER (AEROSOL)	MSDS#	Not available.
Product Description	Original heavy duty oven cleaner formula with Floral or Lemon Scent.	Validation Date	10/18/2005
Manufacturer	Reckitt Benckiser North America, Inc. Morris Corporate Center IV 399 Interpace Parkway (P.O. Box 225) Parsippany, N.J. 07054-0225	Print Date	10/18/2005
Product Identifier	Not available.	In case of Emergency:	Telephone: 800-228-4722
Item Number	371752	Transportation Emergencies:	Chemtrec: 1-800-424-9300 (U.S. & Canada) Outside the U.S & Canada (North America), call: 703-527-3887
Formula Number	772-004 (F/F 371752) Floral Scent; 500-188C (F/F 367270) Lemon Scent.		
UPC Number	62338-00132 (8 oz.) Floral Scent; 62338-00138 (16 oz.) Floral Scent & 62338-00148 (16 oz.) Lemon Scent).		

Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits : TLV/PEL
1) N-BUTANE	106-97-8	1-5	TWA: 1900 (mg/m ³) from ACGIH (TLV) TWA: 800 (ppm) from ACGIH (TLV)
2) SODIUM HYDROXIDE	1310-73-2	0-5	CEIL: 2 (mg/m ³) from ACGIH (TLV) TWA: 2 (mg/m ³) from OSHA
3) MONOETHANOLAMINE	141-43-5	0-5	TWA: 7.5 STEL: 15 (mg/m ³) from ACGIH (TLV) TWA: 3 STEL: 6 (ppm) from ACGIH (TLV) TWA: 6 STEL: 15 (mg/m ³) from OSHA
4) DIETHYLENE GLYCOL MONOBUTYL ETHER	112-34-5	5.0	TWA: 3 (ppm) from OSHA Not available.

Section 3. Hazards Identification

Emergency Overview	DANGER: Harmful if swallowed. Causes burns to skin and eyes on contact. Contents under pressure. Contains sodium hydroxide (LYE). Wear long rubber gloves when using, will burn skin and eyes. Avoid contact with skin, eyes, mucous membranes and clothing. Do not ingest. Avoid breathing spray mist. Do not puncture or incinerate container or store in temperatures over 120° F (50°C). Do not place in hot water or near radiators, stoves or other sources of heat. KEEP OUT OF REACH OF CHILDREN.
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Section 4. First Aid Measures

Eye Contact	Immediately rinse eyes with water, remove any contact lenses, and continue rinsing eyes for fifteen minutes. Call a doctor or poison control center if symptoms persist.
Skin Contact	Rinse skin immediately and remove contaminated clothing. Wash thoroughly with soap and water and continue flushing with water for at least 10 minutes. If discomfort persists, call a physician immediately.
Inhalation	Move person to fresh air. Call a doctor or poison control center if symptoms persist.
Ingestion	If swallowed, DO NOT induce vomiting. Rinse mouth thoroughly with water, drink water or milk. NEVER give an unconscious person anything to ingest. Call a physician immediately. NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

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Section 5. Fire and Explosion Data

Flammability	See Section 14 for any Shipping Classifications.
Flash Point	Not applicable. Flame extension less than 18 inches or 45 cm.
Explosive Limits in Air	Not available.
Products of Combustion	Not available.
Fire and Explosion Hazards	Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate. Exposure to temperatures above 120°F (48.9°C) may cause bursting.
Fire Fighting Media and Instructions	Use dry chemicals, CO2, water spray or foam, as suitable, for the surrounding fire. Use water spray to cool fire-exposed containers.
Special Fire Fighting Instructions	Product contents under pressure. Cool containers with water spray. Wear full protective equipment: eye/face (shield), body (full bunker gear), respiratory protection (SCBA). Provide shielding for venting, rupturing or bursting containers.

Section 6. Accidental Release Measures

Accidental Spill	Small spills: Wear long rubber gloves. Soak up spill with absorbent material. Rinse area with water and wipe dry. Wrap absorbed material in plastic bag to dispose. Avoid contact with reactive metals such as aluminum. Large spills: Wearing appropriate personal protective equipment, spill should be diked, contained and collected for later disposal according to local, state or federal regulations.
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Section 7. Handling and Storage

Handling and Storage	DANGER: Contains sodium hydroxide (lye). Harmful if swallowed. Do not ingest. Avoid breathing spray mist. Wear long rubber gloves when using, will burn skin and eyes. Avoid contact with skin, eyes, mucous membranes and clothing. Container may explode if heated. Do not place in hot water, or near radiators, stoves or other sources of heat. Do not puncture or incinerate container or store at temperatures over 120°F (50°C). Store containers in an upright position in a cool, dry secure area inaccessible to small children and pets. Keep from freezing. KEEP OUT OF REACH OF CHILDREN.
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Section 8. Exposure Controls/Personal Protection

Ventilation Requirements	None normally required. Use sufficient ventilation to keep hazardous ingredients below their Threshold Limit Values (see Section #2) during emergency operations such as a major spill clean-up or fire.
Eye Protection	Wear protective eyewear. Emergency responders should wear full eye and face protection.
Skin Protection	Wear long sleeves and long impervious rubber gloves. Do not get on skin or clothing. If product gets on clothing, remove clothing and wash before wearing again. Emergency responders should wear impermeable gloves.
Respiratory Protection	Avoid breathing spray mist. Emergency responders should wear suitable respiratory protection where long term exposure to large areas of spilled liquid is possible such as a major spill, a fire or a clean-up operation.
Other Protection	Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the liquid is possible.
Work/Hygienic Practices	Avoid contact with skin, eyes, mucous membranes and clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling.

Section 9. Physical and Chemical Properties

Description	Liquid. (White foam when sprayed)	Odor	Lemon like (F/F 367270); Floral (F/F 371752)
pH	13.3 [Basic.]	Color	White foam when sprayed.
Boiling/Condensation Point	Not available.		
Specific Gravity	1.05 (Water = 1)		
Vapor Pressure	Not available.		
Vapor Density	Not available.		
Viscosity	Not available.		
Solubility	Complete.		
Physical Chemical Comments	Not available.		

Section 10. Stability and Reactivity Data

Chemical Stability	The product is stable.
Conditions of Instability	Do not puncture or incinerate container or store at temperatures over 120°F (50°C). Never leave can on stove or near source of heat. Keep from freezing.
Incompatibility with Various Substances	Recommended for use ONLY on porcelain, enamel, iron, stainless steel, ceramic and glass surfaces. Do not use on exterior oven surfaces, aluminum, chrome or baked enamel. Strong oxidizing agents or acids.
Hazardous Decomposition Products	Carbon dioxide, carbon monoxide and unidentified organic compounds may be formed during thermal decomposition.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information**Exposure effects**

Eye Contact	Causes burns to eyes on contact.
Skin Contact	Causes burns to skin on contact.
Inhalation	Causes burns on contact.
Ingestion	Harmful if swallowed. May cause burns to mouth, throat and stomach.
Carcinogenicity	Not listed as carcinogenic by OSHA, NTP or IARC.

Section 12. Ecological Information

Ecotoxicity	Not available.
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Section 13. Disposal Considerations

Waste Disposal	Discard individual empty container in trash. Large quantity disposal: Degas cans and discharge liquid contents to sanitary sewer or accumulate intact cans for transport to shredder, approved incinerator, or other facility in accord with local, state and federal regulations.
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Section 14. Transport Information

DOT Classification	ORM-D	
Proper Shipping Name	Consumer Commodity	
DOT Identification Number	Not applicable.	
Packing Group	Not applicable.	
Maritime Transportation	Not applicable.	
Hazardous Substances Reportable Quantity	Not applicable.	
Special Provisions for Transport	ORM-D: For US Domestic Shipments Only	
TDG Classification	Consumer Commodity - Transborder Consignment	
ADR Classification	Not applicable.	
IMDG Classification	Aerosols, class 2.2 (corrosive) UN1950 - LTD QTY.	
IATA Classification	Aerosols, non-flammable, n.o.s., containing substances in Class 8, Packing Group I or II -FORBIDDEN FOR AIR SHIPMENT-	

Section 15. Regulatory Information

Federal and State Regulations	SARA Title III, Section 313 Toxic Chemical Notification & Release Reporting: 1) DIETHYLENE GLYCOL MONOBUTYL ETHER CAS #: 112-34-5 5 % California Proposition 65: This product contains the following ingredients which require a warning under the Safe Drinking Water & Toxic Enforcement Act: None		
Other Classifications	WHMIS (Canada)	CLASS E: Corrosive liquid.	

Section 16. Other Information

HMIS (U.S.A.)	Health Hazard	3	National Fire Protection Association (U.S.A.)		Fire Hazard
	Fire Hazard	2			Reactivity
	Reactivity	0			Specific hazard
	Personal Protection	D			
			<u>NFPA Aerosol Level</u>	1, per NFPA 30B	
Validated by Product Safety on 10/18/2005.			Printed 10/18/2005.		

Notice to Reader

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.