



PRODUCT SAFETY DATA SHEET

Print date: 12 June 2009

1. PRODUCT AND COMPANY IDENTIFICATION

Item Number / Product code: 0043175

Product name: EASY-OFF® BAM® UNIVERSAL DEGREASER, TRIGGER SPRAY, (LIQUID)

Validation / Revision Date: 12 June 2009

EPA Identifier: Not applicable.

Formula Number: 1022-132 (0043175) U.S.

UPC Number and Size: 62338-78057 (24 oz. Trigger spray)

Product Description: Trigger spray liquid degreaser.

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:
LAURYLDIMETHAMINEOXIDE30%
1643-20-5
MONOETHANOLAMINE
141-43-5

Wt %	ACGIH:	OSHA:
1-5	None	None
0-1	TWA (TLV): 3 ppm @10 STEL: 6 ppm @10	TWA (PEL): 3 ppm @10 TWA (PEL): 6 mg/m³ @10

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION:

May cause eye irritation.

DO NOT get in eyes.

May be harmful if swallowed

If swallowed, seek medical advice immediately and show the container or label.

KEEP OUT OF REACH OF CHILDREN

4. FIRST AID MEASURES

Inhalation:	Move to fresh air.
Skin contact:	Wash with soap and water
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.
Ingestion:	If swallowed, DO NOT INDUCE VOMITING. Call a Physician or Poison Control Center immediately. Never give an unconscious person anything to ingest. Contains monoethanolamine.
Notes to physician:	Contains monoethanolamine. Contains surfactants. Contains Perfume.
Aggravated Medical Conditions:	None known.

5. FIRE-FIGHTING MEASURES

Flash point:	CLOSED CUP: Higher than 93.3° C (>200° 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:	Not applicable.
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: 1 Flammability: 0 Instability: 0
HMIS: Health: 1 Flammability: 0 Reactivity: 0
Key: Personal Protection Index = A. (Also see Section 3)

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Ensure adequate ventilation.

Environmental precautions: No special environmental precautions required.

Methods for cleaning up: Small amounts:
Soak up with inert absorbent material.

Large spills should be diked, contained and collected for later disposal according to local, provincial, state or federal regulations.

7. HANDLING AND STORAGE

Handling: This product is intended as a surface spray sanitizer to be applied to food contact surfaces as a trigger spray and wiped off without rinsing. Allow surface to dry thoroughly before use.
No special technical protective measures required.
Avoid contact with eyes, skin and clothing.
Wash hands after handling.

Safe handling advice: Avoid all direct contact with the product, wear suitable eye / face and skin protection.

Storage: Store at room temperature in the original container.
KEEP OUT OF REACH OF CHILDREN

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure: For occupational exposures, ensure adequate ventilation.

Personal Protective Equipment

Respiratory protection: No personal respiratory protective equipment normally required.
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: If exposure is likely to be prolonged wear impervious gloves.
Emergency responders should wear impermeable gloves.
None required under normal use conditions.

Skin and body protection: None required under normal recommended use conditions.

Eye protection: None required under recommended product use.
If splashes are likely to occur, wear:
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 skin, eyes and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid.
Appearance:	Clear liquid.
Colour:	Yellow.
Odour:	Lemon.
pH:	10.5 - 11.3 [Alkaline.]
Flash point:	Greater than 93° C (>200° F)
Specific gravity:	1.0 (Concentrate)
Vapour pressure:	Not determined.
Solubility:	Completely 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:	None known.
Conditions to avoid:	Store away from excessive heat and moisture.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Component Information:

Product Information

LC50/inhalation/4h/rat =	No information available.
LD50/dermal/rabbit =	No information available.
LD50/oral/rat =	No information available.

Local effects

Skin irritation:	None expected during normal conditions of use.
Eye irritation:	None expected during normal use. May cause eye irritation upon direct contact with eyes.
Inhalation	None expected during normal conditions of use.
Ingestion	Health injuries are not known or expected under normal use.
Sensitization	Not expected to be a skin sensitiser.
Chronic toxicity:	No information available.

Specific effects

Carcinogenic effects:	No information available.
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: No information available.

Component Information:

MONOETHANOLAMINE

141-43-5 (0-1)

Ecotoxicity: = 13.7 mg/L EC50 Photobacterium phosphoreum
= 170.0 mg/L LC50 goldfish
= 2070 mg/L LC50 fathead minnow flow-through

Other information:

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

Additional ecological information: No information available.

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.

14. TRANSPORT INFORMATION

UN / Id No: Not applicable

DOT:

Classification: Not a DOT regulated material. (United States)
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.

TDG (Canada):

Classification: Not regulated under TDG
Proper shipping name: Not applicable.
Status: Not applicable.
Packing Group: Not applicable.

IMDG / IMO

Classification: Not regulated under IMDG
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: See Guide.

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.
HIN: Not applicable.
CEFIC Tremcard No: Not applicable.

ICAO / IATA:

Classification: Not regulated under ICAO / IATA
Proper shipping name: Not applicable.
Class: Not applicable.
Subsidiary Risk: Not applicable.
Packing Group: Not applicable.
Maximum quantity: Not applicable.

15. REGULATORY INFORMATION

Components:	PICCS:	TSCA:	DSL:	NDSL:	ENCS:	CHINA:	AICS:	EINECS-No
LAURYLDIMETHAMINEOXIDE30%	Present	Present				Present	Present	216-700-6
MONOETHANOLAMINE						Present	Present	205-483-3

U.S. Regulations:

Canada

WHMIS hazard class: Not determined.

16. OTHER INFORMATION

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



HMIS (U.S.A.):

Health Hazard	1
Fire Hazard	0
Reactivity	0
Personal Protection	A

Reason for revision: Revision of data and / or an update of the PSDS.

Additional advice: Consult your supplier if the material is to be used for special applications such as in the food industry or for hygiene, medical or surgical end-use.

Prepared by: Reviewed by Regulatory on 6/12/2009.

Disclaimer:

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