



PRODUCT SAFETY DATA SHEET

Print date: 17 Oct 2007

1. PRODUCT AND COMPANY IDENTIFICATION

Item Number / Product code: 0062342 / 0131167

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

Validation / Revision Date: 11 October 2007

EPA Identifier: Not applicable.

Formula Number: 1192-173A (0062342) Fruity.
1317-004 (0131167) Citrus.

UPC Number and Size: 24 oz. Plastic (HDPE) container (Trigger).

Product Description: Stain & grease remover with bleach.

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

Product components: Sodium Hypochlorite (Bleach) concentration in the finished product equals 2.8%.

Components:

NA CUMENE SULPHONATE 40%
 28348-53-0
 SODIUM LAURYL SULFATE
 151-21-3
 ALKYL DIMETHYL AMINE OXIDE, 30%
 68955-55-5
 SODIUM HYDROXIDE, 50%
 1310-73-2
 SODIUM HYPOCHLORITE 13%
 7681-52-9

Wt %	ACGIH:	OSHA:
3-7	None	None
1-5	None	None
1-3	None	None
1-3	Ceiling: 2 mg/m ³ @10	TWA (PEL): 2 mg/m ³ @10
20-25	None	None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER: CORROSIVE TO EYES!

SKIN IRRITANT

HARMFUL IF SWALLOWED!

DO NOT get in eyes, on skin or on clothing.

Wash hands with soap and water after handling.

For sensitive skin or prolonged use, wear appropriate skin protection (rubber gloves).

Odors may irritate.

USE ONLY IN WELL VENTILATED AREAS.

Avoid prolonged breathing of vapors.

Contains bleach.

KEEP OUT OF REACH OF CHILDREN

Additional Information:

DO NOT MIX WITH OTHER HOUSEHOLD CHEMICALS, SUCH AS PRODUCTS CONTAINING AMMONIA, TOILET BOWL CLEANERS, OR ACID CLEANERS, AS HAZARDOUS GASES MAY BE RELEASED!

4. FIRST AID MEASURES

Inhalation:

Move to fresh air. If irritation occurs or persists or there is any trouble breathing, get immediate medical attention.

Skin contact:

Wash off immediately with soap and plenty of water. If symptoms develop or persist seek medical advice.

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. Call a Physician or Poison Control Center immediately. Never give an unconscious person anything to ingest. Show the container or product label to the medical personnel.

Notes to physician:

Contains Bleach and Sodium Hydroxide.
 Contains surfactants.

Sodium Hypochlorite (Bleach) concentration in the finished product equals 2.8%.

Aggravated Medical Conditions:

No information available.

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:	Contains alkali and bleach components, corrosive product.
Unusual hazards:	Hazardous decomposition products may include Oxides of Carbon, unknown Organic Compounds and Chlorine gas.
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

HMS: **Health:** 3 **Flammability:** 0 **Reactivity:** 0

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Read and follow container directions. Wear appropriate personal protective equipment. Rubber gloves and eye protection.
Environmental precautions:	Do not allow material to contaminate ground water system.
Methods for cleaning up:	Wear personal protective equipment. Wear rubber gloves and appropriate eye protection. Small spills: Soak up with absorbent material and dispose of in an appropriate waste container. Rinse surface with water to remove any residue. Large spills should be diked, contained and collected for later disposal according to local, provincial, state or federal regulations.

7. HANDLING AND STORAGE

Handling: Ensure adequate ventilation.

Safe handling advice: DANGER! CORROSIVE TO EYES!
SKIN IRRITANT.
Avoid all direct contact with the product, wear suitable eye / face and skin protection.
Use only in well-ventilated areas.
Avoid prolonged breathing of vapors.
Wash thoroughly with soap and water after handling.

DO NOT MIX WITH OTHER HOUSEHOLD CHEMICALS, SUCH AS PRODUCTS CONTAINING AMMONIA, TOILET BOWL CLEANERS, OR ACID CLEANERS, AS HAZARDOUS GASES MAY BE RELEASED!

Storage: Keep container tightly closed.
Store in original container in areas inaccessible to small children and pets.
KEEP OUT OF REACH OF CHILDREN

Incompatible products: Do not mix with ammonia, acids, or other household cleaning products.

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.
Use in a well-ventilated area.
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: Skin irritant.
Avoid contact with the skin.
Wear suitable gloves, read label instructions carefully.
Emergency responders should wear impermeable gloves.

Skin and body protection: In case of continuous exposure or occupational operations, wear lightweight protective clothing.
Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the product that has been dissolved in liquid (such as a fire scene) is possible.

Eye protection: CORROSIVE TO EYES!
Avoid contact with eyes.
Wear appropriate eye protection.
Read product label instructions carefully.
Emergency responders should wear full eye and face protection.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Clear. Viscous liquid.
Appearance: Liquid.
Colour: Pale yellow.
Odour: Slight bleach scent. Fruity. Citrus.
pH: 13.0 [Alkaline.]

Flash point: Greater than 93° C (>200° F)
Specific gravity: 1.0 @ 25° C (77° F).
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.
Chlorine gas.
Materials to avoid: Acids.
Ammonia.
Do not use together with other products. May release dangerous gases (Chlorine).
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: Skin irritant.
Avoid skin contact.
Eye irritation: Corrosive to eyes !
Avoid eye contact.
Inhalation May cause irritation of respiratory tract.
Ingestion May be harmful or fatal 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.
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 (Higher / Alkaline) when in water, bulk quantity spills present the possibility of danger to aquatic life.

Component Information:

SODIUM LAURYL SULFATE

151-21-3 (1-5)

Ecotoxicity:

- = 1.2 mg/L EC50 Photobacterium phosphoreum
- = 1.6 mg/L EC50 Photobacterium phosphoreum
- = 10.2 mg/L LC50 fathead minnow (fry)
- = 17 mg/L LC50 fathead minnow (juvenile)
- = 22.5 mg/L LC50 fathead minnow (adult)
- = 3.5 mg/L EC50 Photobact

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, 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.

13. DISPOSAL CONSIDERATIONS

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

Contaminated packaging: Packaging and container to be recycled only if emptied completely!

Waste Disposal: Wear appropriate personal protective equipment when cleaning or handling waste material.

Small amounts of liquid waste: Wipe up with a wet paper towel and discard absorbed material in trash collection or flush waste to sink or sanitary sewer.

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 3266

DOT:

Classification: UN 3266 - Corrosive Liquid, Basic, Inorganic N.O.S. (Sodium Hypochlorite, Sodium Hydroxide), Class 8, PG II.
Re-Classed as Consumer Commodity ORM-D.

Proper shipping name: Consumer Commodity ORM-D

U.S. DOT - Hazard Class: Not applicable.

Subsidiary risk: Not applicable.

Packing Group: Not applicable.

DOT RQ (lbs): Not applicable.

ERG No: 153

TDG (Canada):

Classification: UN 3266, Corrosive Liquid, Basic, Inorganic N.O.S. (Sodium Hypochlorite, Sodium Hydroxide), Class 8, Packing Group II.
 Re-Classed as Consumer Commodity / Limited Quantity.

Proper shipping name: Consumer Commodity / LTD. QTY.

Status: Not applicable.

Packing Group: Not applicable.

WHMIS hazard class: E Corrosive material

IMDG / IMO

Classification: UN 3266, Corrosive Liquid, Basic, Inorganic, N.O.S. (Sodium Hypochlorite, Sodium Hydroxide), Class 8, PG II, Limited Quantity.

Proper shipping name: Corrosive Liquid, Basic, Inorganic, N.O.S. (Sodium Hypochlorite, Sodium Hydroxide)

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 List.

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 3266 - Corrosive Liquid, Basic, Inorganic, N.O.S. (Sodium Hypochlorite, Sodium Hydroxide) Class 8, PG II.

Proper shipping name: Corrosive Liquid, Basic, Inorganic, N.O.S. (Sodium Hypochlorite, Sodium Hydroxide)

Class: 8

Subsidiary Risk: Not applicable

Packing Group: II

Maximum quantity: See DG List.

15. REGULATORY INFORMATION

Components:	PICCS:	TSCA:	DSL:	NDSL:	ENCS:	CHINA:	AICS:	EINECS-No
NA CUMENE SULPHONATE 40%						Present	Present	248-983-7
SODIUM LAURYL SULFATE						Present	Present	205-788-1
ALKYL DIMETHYL AMINE OXIDE, 30%						Present	Present	273-281-2
SODIUM HYDROXIDE, 50%						Present	Present	215-185-5
SODIUM HYPOCHLORITE 13%						Present	Present	231-668-3

U.S. Regulations:

Components: NA CUMENE SULPHONATE 40% - 28348-53-0

NJRTK: Not Listed.

California Proposition 65 - CERCLA/SARA 313: None

Components: *SODIUM LAURYL SULFATE - 151-21-3*
NJRTK: Not Listed.
California Proposition 65 - CERCLA/SARA 313: None.
Components: *ALKYL DIMETHYL AMINE OXIDE, 30% - 68955-55-5*
NJRTK: Not Listed.
California Proposition 65 - CERCLA/SARA 313: None.
Components: *SODIUM HYDROXIDE, 50% - 1310-73-2*
NJRTK: Not Listed.
California Proposition 65 - CERCLA/SARA 313: None.
Components: *SODIUM HYPOCHLORITE 13% - 7681-52-9*
NJRTK: Not Listed.
California Proposition 65 - CERCLA/SARA 313: None.

Canada

WHMIS hazard class: E Corrosive material

16. OTHER INFORMATION

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



HMIS (U.S.A.):

Health Hazard	3
Fire Hazard	0
Reactivity	0
Personal Protection	B

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.

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