



PRODUCT SAFETY DATA SHEET

Print date: 15 Jun 2006

1. PRODUCT AND COMPANY IDENTIFICATION

Item Number / Product code: 0061000

Product name: EASY-OFF® BAM POWER STAIN & DRAIN

Validation / Revision Date: 15 June 2006

EPA Identifier: Not applicable.

Formula Number: 1049-122B (0061000)

UPC Number and Size: 62338-79285 (24 fl.oz. / 710 ml.)

Product Description: Toilet bowl cleaner / drain opener.

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:

ALKYL DIMETHYL AMINE OXIDE, 30%
68955-55-5
SODIUM LAUROYL SARCOSINAT
137-16-6
SOD HYDROXIDE 25% MEMBRAN
1310-73-2
SODIUM METASILICATE
6834-92-0
SODIUM HYPOCHLORITE 13%
7681-52-9

Wt %	ACGIH:	OSHA:
1-5	None	None
1-5	None	None
5-10	Ceiling: 2 mg/m ³ @10	TWA (PEL): 2 mg/m ³ @10
0-1	None	None
40-45	None	None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER: CORROSIVE!
CORROSIVE TO EYES AND SKIN!
 Causes eye and skin damage.
HARMFUL OR FATAL IF SWALLOWED!
MAY BE HARMFUL IF INHALED.
DO NOT get in eyes, on skin or on clothing.
DO NOT ingest.
DO NOT breathe in vapors or fumes.
 Handle with care, wear rubber gloves and eye protection.
 Use in a well ventilated area.
 Contains Sodium Hypochlorite, Sodium Hydroxide and Sodium Metasilicate (Pentahydrate).

DO NOT mix with other household chemicals such as products containing ammonia, toilet bowl cleaners or acid cleaners as hazardous gases may be released.

KEEP OUT OF REACH OF CHILDREN

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: 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, rinse mouth and drink a glass of water, DO NOT induce vomiting! Seek IMMEDIATE medical attention or contact Poison Control Center. Show the container or product label to the medical personnel.
Never give anything by mouth to an unconscious person.

Notes to physician: Contains Bleach, Sodium Hydroxide and Sodium Metasilicate Pentahydrate.

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:	Contains alkali and bleach components, corrosive product. Contains surfactants.		
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:	D. (Also see Section 3)		

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Ensure adequate ventilation.
Environmental precautions:	Do not allow material to contaminate ground water system.
Methods for cleaning up:	Wear personal protective equipment. 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:	Avoid all direct contact with the product, wear suitable eye / face and skin protection. Do not mix with acids, or other household products.
Storage:	Keep locked-up. 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:

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.
Chemical resistant apron.
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 eye / face protection.
Emergency responders should wear full eye and face protection.
Read product label instructions carefully.

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:	Fruity. Slight bleach scent.
pH:	13.0 [Alkaline.]
Flash point:	Greater than 93° C (>200° F)
Specific gravity:	1.110 - 1.130
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: Corrosive liquid.
Avoid skin contact.

Eye irritation: Corrosive liquid.
Corrosive to the eyes and may cause severe damage including blindness.

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: This product is toxic to fish, birds and wildlife. Control any large quantity spills and keep out of any body of water.

Component Information:

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 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:	Packaging to be recycled only if emptied completely! Empty liquid container can be discarded in the trash or recycled where appropriate.
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 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 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
U.S. DOT - Hazard Class:	Not applicable.
Subsidiary risk:	Not applicable.
Packing Group:	Not applicable.
DOT RQ (lbs):	Not applicable.
ERG No:	ERG 171 - (154 as UN 3266)
TDG (Canada):	
Classification:	UN3266, Corrosive Liquid, Basic, Inorganic N.O.S. (Sodium Hypochlorite, Sodium Hydroxide), Class 8, Packing Group II. Re-Classed as Consumer Commodity - LTD QTY.
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.
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:	See DG List.
Marine pollutant:	Not applicable.
EMS:	See DG List.
MFAG:	See Guide.
Maximum quantity:	See DG 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
ALKYL DIMETHYL AMINE OXIDE, 30%								273-281-2
SODIUM LAUROYL SARCOSINAT						Present	Present	205-281-5
SOD HYDROXIDE 25% MEMBRAN						Present	Present	215-185-5
SODIUM HYPOCHLORITE 13%						Present	Present	231-668-3

U.S. Regulations:

Components: *ALKYL DIMETHYL AMINE OXIDE, 30% - 68955-55-5*
California Proposition 65 - None.

Components: *SODIUM LAUROYL SARCOSINAT - 137-16-6*
California Proposition 65 - None.

Components: *SOD HYDROXIDE 25% MEMBRAN - 1310-73-2*
California Proposition 65 - None.

Components: *SODIUM METASILICATE - 6834-92-0*
California Proposition 65 - None.

Components: *SODIUM HYPOCHLORITE 13% - 7681-52-9*
California Proposition 65 - 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	D

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.
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