



## PRODUCT SAFETY DATA SHEET

Print date: 20 Jun 2007

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Item Number / Product code:** 361386

**Product name:** LYSOL® BRAND DISINFECTANT CONTINUOUS ACTION® TOILET BOWL CLEANER - CANADIAN

**Validation / Revision Date:** 07 June 2007

**DIN Reg. Number (Canada):** P.C.P. Act # 28059

**Formula Number:** 361386 (443-151)

**UPC Number and Size:** 59631-74953 (100 gm.)

**Product Description:** Toilet bowl cleaning block with bleach.

**Manufacturer:** Reckitt Benckiser (CANADA) Inc.  
1680 Tech Avenue, Unit #2  
Mississauga, Ontario L4W 5S9 CANADA

**Emergency telephone number:** 800-338-6167 (CANADA)

**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:**

BROMOCHLORO-5,5-DIMETHYLHYDANTOIN  
126-06-7  
1,3-DICHLORO-5,5-DIMETHYLHYDANTOIN  
118-52-5  
1,3-DICHLORO-5-ETHYL-5-  
METHYLHYDANTOIN  
89415-87-2

Wt %	ACGIH:	OSHA:
50-70	None	None
20-30	None	None
5-10	None	None

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

CAUTION:  
HIGHLY CORROSIVE!  
DO NOT take internally.  
MAY BE HARMFUL OR FATAL IF SWALLOWED !  
Dangerous gas formed when mixed with acids.  
Avoid contact with eyes, skin or clothing.

**KEEP OUT OF REACH OF CHILDREN**

### 4. FIRST AID MEASURES

**Inhalation:** Move to fresh air.

**Skin contact:** Wash with soap and water after handling.

**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, rinse mouth with water and seek IMMEDIATE medical advice. Show the container or product label to the medical personnel.

**Notes to physician:** Contains "Dantobrom ATB Granular SS" Bleach Agent. This product is a strong oxidizer and is corrosive.

**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:** This product is a strong oxidizer and is corrosive.

**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: 3 Flammability: 0 Instability: 2

**HMIS:** Health: 3 Flammability: 0 Reactivity: 2

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

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Ensure adequate ventilation.

**Environmental precautions:** Do not allow material to contaminate ground water system.

**Methods for cleaning up:** When performing the required clean-up operation, wear the appropriate personal protective equipment such as impervious gloves and eye / face protection.

Small amounts:  
Pick up and transfer to properly labelled containers for disposal.

Large spills: Collect with a minimum of dust, place in a suitable container for disposal according to local, state, provincial and federal regulations.  
Wear personal protective equipment.

## 7. HANDLING AND STORAGE

**Handling:** Use with adequate ventilation.

**Safe handling advice:** CAUTION:  
CORROSIVE!  
May be harmful or fatal if swallowed!  
Avoid contact with eyes, skin and clothing.  
Avoid dust formation.  
Dangerous gas formed when mixed with acids.  
Read and follow product label instructions.

**Storage:** Store in closed containers in a cool, dry place, isolated from all organic material. Do not allow product to come in contact with oxidizable material. Avoid heat and direct sunlight. Store in a secure area inaccessible to children and domestic pets.

**Incompatible products:** Do not mix with acids, alkalis or readily oxidizable materials.  
Do not mix with anything but water.

**P.C.P. Act:** It is an offence under the PEST CONTROL PRODUCTS ACT to use a control product under unsafe conditions.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:**

For occupational exposures, ensure adequate ventilation.

**Personal Protective Equipment**

**Respiratory protection:**

None required under normal use conditions.  
For occupational exposures, wear appropriate dust particle or supplied air respiratory equipment.  
Emergency responders should wear self-contained breathing apparatus (SCBA) to avoid inhalation of airborne particles (dust) generated by this product during a spill or other clean-up operations.

**Hand protection:**

Do not get on skin or clothing.  
Do not handle puck.  
If contact with the skin is likely, wear suitable impervious gloves.  
Read product label instructions carefully.  
Emergency responders should wear impermeable gloves.

**Skin and body protection:**

Usual safety precautions while handling the product will provide adequate protection against injury or irritation. Follow product label instructions.

**Eye protection:**

Not required under normal conditions of use.  
Avoid contact with eyes.  
Emergency responders should wear full eye and face protection.

**Hygiene measures:**

Avoid contact with skin, eyes and clothing.  
Do not breathe dust.  
Washing with soap and water after use is recommended as good hygienic practice to prevent possible skin irritation and / or eye irritation from hand contact.  
For occupational exposures, wash hands after use and before breaks and the end of the work shift to prevent possible eye irritation from incidental contact.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical state:**

Solid.

**Appearance:**

Smooth tablet (Puck), 7 cm. (2.75 inches) in diameter.

**Colour:**

White. Off-white.

**Odour:**

Characteristic. Halogenated odor.

**pH:**

No information available.

**Flash point:**

Greater than 93° C (>200° F)

**Specific gravity:**

>1.0 (Water = 1.0)

**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:**

Halogenated compounds.

**Materials to avoid:**

Acids.

**Conditions to avoid:**

Store away from excessive heat and moisture.  
Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Do not store at elevated temperatures.  
Read and follow product label instructions.

## 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**

<b>Skin irritation:</b>	Corrosive to skin !
<b>Eye irritation:</b>	Corrosive to eyes !
<b>Inhalation</b>	Irritating to nose and throat. Avoid breathing dust.
<b>Ingestion</b>	May be harmful or fatal if swallowed. See Section 4 for First Aid Instructions.
<b>Sensitization</b>	Not expected to be a skin sensitiser.
<b>Chronic toxicity:</b>	No information available.

**Specific effects**

<b>Carcinogenic effects:</b>	Not listed as carcinogenic by OSHA, NTP or IARC.
<b>Mutagenic effects:</b>	No information available.
<b>Reproductive toxicity:</b>	No information available.
<b>Target organ effects:</b>	No information available.

Information is based on data on the components and the toxicology of similar products.

## 12. ECOLOGICAL INFORMATION

**Product Information**

<b>Aquatic toxicity:</b>	No information available.
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**Component Information:**

**Other information:**

<b>Ozone depletion potential; ODP; (R-11 = 1) =</b>	No information available.
<b>Global warming potential (GWP) =</b>	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:**

Dispose of empty container in household trash.

**Waste Disposal:**

Individual units can be discarded in the household trash.  
Small amounts of powder waste: Wipe up with a wet paper towel and discard absorbed material in trash collection and flush waste residue to sink or sanitary sewer.  
Large amounts of powder waste: Dispose of in accordance with local, state, provincial and federal regulations.

## 14. TRANSPORT INFORMATION

**UN / Id No:**

**UN 1479**

**DOT:**

**Classification:** UN 1479, Oxidizing Solid, N.O.S. (Halogenated Hydantoins) Class 5.1, 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:** Not applicable.

**TDG (Canada):**

**Classification:** Un 1479, Oxidizing Solid, N.O.S. (Halogenated Hydantoins), Class 5.1, PG II  
Re-Classed as Consumer Commodity / Limited Quantity.  
**Proper shipping name:** Consumer Commodity / Limited Quantity / LTD. QTY.  
**Status:** Not applicable.  
**Packing Group:** Not applicable.  
**WHMIS hazard class:** D1B Toxic materials

**IMDG / IMO**

**Classification:** UN 1479, Oxidizing solid, N.O.S. (Contains Halogenated Hydantoins) Class 5.1, PG II, Limited Quantity.  
**Proper shipping name:** Oxidizing solid, N.O.S. (Halogenated Hydantoins).  
**Class:** 5.1  
**Subsidiary Risk:** Not applicable.  
**Packing group:** II  
**IMDG page:** Not applicable.  
**Marine pollutant:** Not applicable.  
**EMS:** F-A, S-Q  
**MFAG:** See Guide.  
**Maximum quantity:** See IMDG Code.

**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 1479, Oxidizing solid, N.O.S. (Halogenated Hydantoins) Class 5.1, PG II, Limited Quantity.  
**Proper shipping name:** Oxidizing solid, N.O.S. (Halogenated Hydantoins).  
**Class:** 5.1  
**Subsidiary Risk:** Not applicable

Packing Group:  
Maximum quantity

II  
See DG List.

## 15. REGULATORY INFORMATION

### U.S. Regulations:

**Components:** *BROMOCHLORO-5,5-DIMETHYLHYDANTOIN - 126-06-7*

**NJRTK:** Not Listed.

**California Proposition 65 -  
CERCLA/SARA 313:** None.

**Components:** *1,3-DICHLORO-5,5-DIMETHYLHYDANTOIN - 118-52-5*

**NJRTK:** Not Listed.

**California Proposition 65 -  
CERCLA/SARA 313:** None.

**Components:** *1,3-DICHLORO-5-ETHYL-5-METHYLHYDANTOIN - 89415-87-2*

**NJRTK:** Not Listed.

**California Proposition 65 -  
CERCLA/SARA 313:** None.

### Canada

**WHMIS hazard class:** D1B Toxic materials

## 16. OTHER INFORMATION

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



**HMIS (U.S.A.):**

Health Hazard	3
Fire Hazard	0
Reactivity	2
Personal Protection	B

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

**Additional advice:** This product should only be used as directed on the label and for the purpose intended.

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