

Material Safety Data Sheet

DG™ HOME DEODORIZING TOILET BOWL CLEANER

Version: 1.1

Revision Date: 05/25/2012

Print Date: 11/14/2012

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: DG™ HOME DEODORIZING TOILET BOWL CLEANER

Product Use Description: Home Care Product

Synonyms: 3.2% Hydrogen chloride

Chemical nature: Hydrochloric Acid Solution.

Company: HomeCare Labs, Inc.
P.O. Box 491150
Lawrenceville, GA
30049-1002

Telephone: (800) 949-7946

Emergency telephone number: CHEMTREC: (24 hours) 800-424-9300, 703-527-3887
Poison Control Center (Medical) :: (877) 800-5553

For additional emergency telephone numbers see section 16 of the Safety Data Sheet.

Prepared by: Product Safety Department
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05/25/2012

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SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

WARNING!

Form: liquid Colour: blue Odour: Wintergreen odor.

Hazard Summary : Irritating to eyes and skin.
Harmful if swallowed.
Harmful if absorbed through skin.
May cause respiratory tract irritation.
Do not get in eyes, on skin, or on clothing.
Avoid breathing vapors.
Do not ingest.

OSHA Hazards : IRRITANT

Potential Health Effects

Primary Routes of Entry : Skin contact

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Inhalation
Ingestion
Eye contact

Inhalation : May cause irritation of respiratory tract.

Skin : Irritating to skin.

Eyes : Causes eye irritation.

Ingestion : Harmful if swallowed.

Chronic Exposure : None known.

Carcinogenicity:

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

ACGIH

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Component / CAS-No.	Weight percent
hydrogen chloride 7647-01-0	< 4 %

SECTION 4. FIRST AID MEASURES

First aid procedures

Inhalation : Remove to fresh air.
Give oxygen or artificial respiration if needed.
Call a POISON CENTER or doctor/ physician.

Skin contact : Remove contaminated clothing and shoes.
Rinse immediately with plenty of water for at least 15 minutes.
If symptoms persist, call a physician.

Eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Remove contact lenses, if present, after 5 minutes, then continue rinsing eye.
Call a POISON CENTER or doctor/ physician.

Ingestion : Call a physician or poison control centre immediately.
Do NOT induce vomiting.
Have person sip a glass of water if able to swallow.
Never give anything by mouth to an unconscious person.

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Notes to physician

Treatment : Probable mucosal damage may contraindicate the use of gastric lavage.

SECTION 5. FIREFIGHTING MEASURES

Flammable properties

Flash point : Remarks: not applicable

Fire fighting

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Protective equipment and precautions for firefighters

Specific hazards during firefighting : Although not flammable, a latent fire or explosion hazard exists when product is in contact with certain metals or metallic surfaces, due to the formation of flammable hydrogen gas.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus. Thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Methods for containment / Methods for cleaning up : Using appropriate protective clothing and safety equipment, contain spilled material.
Soak up with inert absorbent material.
Using clean dedicated equipment, sweep and scoop all spilled material, contaminated soil, and other contaminated material and place into clean dry containers for disposal.

Additional advice : Treat recovered material as described in the section "Disposal considerations".

SECTION 7. HANDLING AND STORAGE

Handling

Handling procedures : Avoid contact with skin, eyes and clothing.
Avoid breathing vapors.
Mix only with water.
Do not mix with other chemicals.
Do not handle until all safety precautions have been read and understood.
Wash hands thoroughly with soap and water after handling and before eating, drinking or using tobacco.

Storage

Requirements for storage areas and containers : Store in original container.
Keep tightly closed in a dry, cool and well-ventilated place.

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Keep out of reach of children.
Keep away from animals.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Components with workplace control parameters

Components / CAS-No.	Value / Basis / Update	Control parameters	Further information
hydrogen chloride 7647-01-0	C ACGIH 2007-01-01	2 ppm	
	C OSHA P1 2006-02-28	5 ppm 7 mg/m3	
	C OSHA P0 1989-01-19	5 ppm 7 mg/m3	
1,4-dioxane 123-91-1	TWA ACGIH 2007-01-01	20 ppm	
	TWA OSHA P1 1997-08-04	100 ppm 360 mg/m3	
	TWA OSHA P0 1989-01-19	25 ppm 90 mg/m3	
ethylene oxide 75-21-8	TWA ACGIH 2007-01-01	1 ppm	
	TWA NIOSH REL 2005-09-01	0.1 ppm 0.18 mg/m3	
	C NIOSH REL 2005-09-01	5 ppm 9 mg/m3	

Engineering measures

Engineering measures : Ensure that eyewash stations and safety showers are close to the workstation

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location.
Use with adequate ventilation.

Personal protective equipment

- Eye protection : Safety glasses with side-shields
not required under normal use
- Hand protection : Wear rubber gloves.
- Respiratory protection : If used in a confined area, respirator protection may be necessary.
- Hygiene measures : Remove and wash contaminated clothing before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

- Form : liquid
- Colour : blue
- Odour : Wintergreen odor.

Safety data

- Flash point : Note: not applicable
- pH : < 1
- Boiling point/boiling range : Note: not determined
- Vapour pressure : < 2.7 hPa
- Water solubility : Note: completely miscible
- Relative vapour density : Note: no data available
- Evaporation rate : > 1
Note: (Butyl acetate = 1)

SECTION 10. STABILITY AND REACTIVITY

- Conditions to avoid : Remarks: Poor ventilation.
High temperatures.
Contamination
- Materials to avoid : Remarks: Reacts with household chemicals such as bleach based toilet bowl cleaners, rust removers, vinegar, acids or ammonia containing products to produce chlorine containing hazardous gases.
Although not flammable, a latent fire or explosion hazard exists when product is in contact with certain metals or metallic surfaces, due to the formation of flammable hydrogen gas.

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Hazardous decomposition products : Note: Hydrogen, by reaction with metals
Inorganic vapors.
Acid fumes.

Hazardous reactions : Hazardous polymerisation does not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Skin irritation : Remarks: Irritating to skin.

Eye irritation : Remarks: Irritating to eyes.

12. ECOLOGICAL INFORMATION

Further information on ecology

Additional ecological information : May be toxic to fish.
May be toxic to aquatic organisms.
There is no data available for this product.

SECTION 13. DISPOSAL CONSIDERATIONS

Further information : Dispose of waste material in compliance with all federal, state, and local regulations.

Contaminated packaging : Do not re-use empty containers.
Rinse thoroughly before discarding in trash.
Offer rinsed packaging material to local recycling facilities.

SECTION 14. TRANSPORT INFORMATION

DOT

UN number : 3264
Description of the goods : Corrosive liquid, acidic, inorganic, n.o.s.
(hydrochloric acid)
Class : 8
Packing group : III
ERG Code : 154

IATA

UN number : 3264
Description of the goods : Corrosive liquid, acidic, inorganic, n.o.s.
(hydrochloric acid)
Class : 8
Packing group : III
Labels : 8
Environmentally hazardous : no

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IMDG

UN number : 3264
Description of the goods : CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
(hydrochloric acid)
Class : 8
Packing group : III
EmS Number 1 : F-A
EmS Number 2 : S-B

Marine pollutant : no
Environmentally hazardous : no

SECTION 15. REGULATORY INFORMATION

OSHA Hazards : Irritant

SARA 311/312 Hazards : Acute Health Hazard

EPCRA - EMERGENCY PLANNING COMMUNITY RIGHT - TO - KNOW

SARA 302 Reportable
Quantity :

hydrogen chloride 7647-01-0 500 lbs
ethylene oxide 75-21-8 1000 lbs

SARA 304 Components : This material does not contain any components with a section 304 EHS RQ.

SARA 313 Components : hydrogen chloride 7647-01-0

The components of this product are reported in the following inventories:

US.TSCA : On TSCA Inventory

DSL : This product contains the following components that are not on the Canadian DSL nor NDSL lists.

AICS : Not in compliance with the inventory

NZIoC : Not in compliance with the inventory

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ENCS Not in compliance with the inventory

KECI Not in compliance with the inventory

PICCS Not in compliance with the inventory

IECSC Not in compliance with the inventory

SECTION 16. OTHER INFORMATION

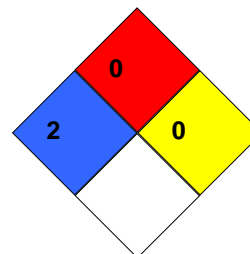
Further information

HMIS Classification

: Health hazard: 2
Flammability: 0
Physical hazards: 0
PPI: Ask supervisor or safety specialist for handling instructions

NFPA Classification

: Health hazard: 2
Fire Hazard: 0
Reactivity Hazard: 0



Other Emergency Phone Number

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<u>Latin America:</u>	Brazil	+55 113 711 9144
	All other countries	+44 (0) 1235 239 670
<u>Mexico:</u>		+52 555 004 8763

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