

# Material Safety Data Sheet

## THE WORKS® TOILET BOWL CLEANER

Version: 1.0

Revision Date: 09/13/2012

Print Date: 06/07/2013

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: *THE WORKS® TOILET BOWL CLEANER*

Product Use Description: Home Care Product

Synonyms: Hydrochloric acid 9.5%

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  
(US) +1 866-430-2775  
09/13/2012  
  
MSDSRequest@chemtura.com

### SECTION 2. HAZARDS IDENTIFICATION

#### Emergency Overview

#### **DANGER!**

Form: liquid      Colour: blue      Odour: Wintergreen odor.

Hazard Summary : Causes skin burns.  
Risk of serious damage to eyes.  
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 : CAUSES SKIN BURNS.  
CAUSES EYE BURNS.

#### Potential Health Effects

Primary Routes of Entry : Skin contact  
Inhalation

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Inhalation : May cause irritation of respiratory tract.

Skin : Causes skin burns.

Eyes : Risk of serious damage to eyes.

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	9.5 %

### 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.  
Call a POISON CENTER or doctor/ physician.

Eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Remove contact lenses, if present, after the first 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/m <sup>3</sup>	
	C  OSHA P0  1989-01-19	5 ppm 7 mg/m <sup>3</sup>	

#### Engineering measures

Engineering measures : Ensure that eyewash stations and safety showers are close to the workstation location.  
Use with adequate ventilation.

#### Personal protective equipment

Eye protection : Safety glasses with side-shields

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

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Flash point	: Note: not applicable
pH	: < 1
Freezing point	: -40 °F (-40 °C)
Boiling point/boiling range	: 214.9 °F (101.6 °C)
Vapour pressure	: < 2.7 hPa
Specific Gravity	: 1.092 - 1.106 at 21 °C
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: Do not mix with chlorine-type bleaches or other household chemicals. 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. Chlorine containing gases can be produced.
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: Causes skin burns.
Eye irritation	: Remarks: Risk of serious damage 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.
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### 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 : II  
ERG Code : 154

#### IATA

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

#### IMDG

- UN number : 3264  
Description of the goods : CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.  
(hydrochloric acid)  
Class : 8  
Packing group : II  
EmS Number 1 : F-A  
EmS Number 2 : S-B  
Marine pollutant : no  
Environmentally hazardous : no

### SECTION 15. REGULATORY INFORMATION

- OSHA Hazards** : Causes skin burns., Causes eye burns.
- CERCLA Reportable Quantity** :  
hydrogen chloride 7647-01-0 5000 lbs
- SARA 302 Reportable Quantity** :
- SARA 311/312 Hazards** : Acute Health Hazard

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**SARA 302 Reportable Quantity** :  
hydrogen chloride 7647-01-0 500 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

**Massachusetts Right To Know Components** : hydrogen chloride 7647-01-0 OSHA a. United states occupational safety and health administration substances, 29 cfr 1910.1000, sub part z. ACGIH American conference of governmental industrial hygienists threshold limit value (TLV) substances NFPA 49 national fire protection association 'hazardous chemicals data' substances (NFPA 49). EPA extremely hazardous substances. 29 cfr parts 300 and 355. Federal register 52 fr 13397 (4/22/87). Amended in 52 fr 48073 (12/17/87) and 53 fr 5547 (2/25/88). These substances are subject to the superfund amendment and reauthorization act (SARA) title III. CERCLA hazardous substances. 40 cfr part 302. May be subject to emergency release notification under SARA Title III. Toxic chemical release substances. 52 fr 21152 (6/4/87). Subject to SARA Title III.

**Pennsylvania Right To Know Components** : water 7732-18-5

hydrogen chloride 7647-01-0 OSHA a. United states occupational safety and health administration substances, 29 cfr 1910.1000, sub part z. ACGIH American conference of governmental industrial hygienists threshold limit value (TLV) substances NFPA 49 national fire protection association 'hazardous chemicals data' substances (NFPA 49). EPA extremely hazardous substances. 29 cfr parts 300 and 355. Federal register 52 fr 13397 (4/22/87). Amended in 52 fr 48073 (12/17/87) and 53 fr 5547 (2/25/88). These substances are subject to the superfund amendment and reauthorization act (SARA) title III. CERCLA hazardous substances. 40 cfr part 302. May be subject to emergency release notification under SARA Title III. Toxic chemical release substances. 52 fr 21152 (6/4/87). Subject to SARA Title III.

**New Jersey Right To Know Components** : water 7732-18-5

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CERCLA hazardous substances. 40 cfr part 302. May be subject to emergency release notification under SARA Title III.  
Toxic chemical release substances. 52 fr 21152 (6/4/87).  
Subject to SARA Title III.

**California Prop. 65 Components** : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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

<b>US.TSCA</b>	On TSCA Inventory
<b>DSL</b>	This product contains the following components that are not on the Canadian DSL nor NDSL lists.
<b>AICS</b>	Not in compliance with the inventory
<b>NZIoC</b>	Not in compliance with the inventory
<b>ENCS</b>	Not in compliance with the inventory
<b>KECI</b>	Not in compliance with the inventory
<b>PICCS</b>	Not in compliance with the inventory
<b>IECSC</b>	Not in compliance with the inventory



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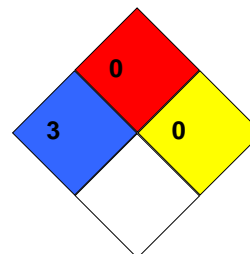
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### SECTION 16. OTHER INFORMATION

#### Further information

**HMIS Classification** : Health hazard: 3  
Flammability: 0  
Physical hazards: 0  
PPI: Ask supervisor or safety specialist for handling instructions

**NFPA Classification** : Health hazard: 3  
Fire Hazard: 0  
Reactivity Hazard: 0



#### Other Emergency Phone Number

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

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.