

# Material Safety Data Sheet

## THE WORKS® DISINFECTANT TOILET BOWL CLEANER

Version: 1.0

Revision Date: 09/23/2013

Print Date: 09/23/2013

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: *THE WORKS® DISINFECTANT TOILET BOWL CLEANER*

Product Use Description: Home Care Product

Synonyms: Hydrochloric acid 9.5%

Chemical nature: inorganic

: Preparation

Registration number: 5185-505-80306

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

09/23/2013

MSDSRequest@chemtura.com

### SECTION 2. HAZARDS IDENTIFICATION

#### Emergency Overview

#### **DANGER!**

Form: liquid      Colour: blue      Odour: Wintergreen odor.

Hazard Summary : Causes skin burns.  
Corrosive  
Causes irreversible eye damage.  
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.

# Material Safety Data Sheet

## THE WORKS® DISINFECTANT TOILET BOWL CLEANER

Version: 1.0

Revision Date: 09/23/2013

Print Date: 09/23/2013

OSHA Hazards : CAUSES SKIN BURNS.  
CAUSES EYE BURNS.

### Potential Health Effects

Primary Routes of Entry : Skin contact  
Inhalation  
Ingestion  
Eye contact

Inhalation : May cause irritation of respiratory tract.

Skin : Causes skin burns.

Eyes : Corrosive 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.

## Material Safety Data Sheet

### THE WORKS® DISINFECTANT TOILET BOWL CLEANER

Version: 1.0

Revision Date: 09/23/2013

Print Date: 09/23/2013

- 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.

#### 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

# Material Safety Data Sheet

## THE WORKS® DISINFECTANT TOILET BOWL CLEANER

Version: 1.0

Revision Date: 09/23/2013

Print Date: 09/23/2013

**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.  
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 Z-1 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>	
	C NIOSH REL 2005-09-01	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** : Goggles  
or  
Safety glasses with side-shields

## Material Safety Data Sheet

### THE WORKS® DISINFECTANT TOILET BOWL CLEANER

Version: 1.0

Revision Date: 09/23/2013

Print Date: 09/23/2013

- 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
- 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
- Viscosity, kinematic : Note: no data available
- 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.

## Material Safety Data Sheet

### THE WORKS® DISINFECTANT TOILET BOWL CLEANER

Version: 1.0

Revision Date: 09/23/2013

Print Date: 09/23/2013

Acid fumes.

Hazardous reactions : Hazardous polymerisation does not occur.

#### SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50: 3,500 mg/kg  
Species: rat

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.

#### 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

# Material Safety Data Sheet

## THE WORKS® DISINFECTANT TOILET BOWL CLEANER

Version: 1.0

Revision Date: 09/23/2013

Print Date: 09/23/2013

### 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

Not recommended for shipment by air  
Limited Quantity exemption possible

### 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

### EPCRA - EMERGENCY PLANNING COMMUNITY RIGHT - TO - KNOW

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

**SARA 304 Components** : Calculated RQ exceeds reasonably attainable upper limit.  
hydrogen chloride 7647-01-0 5000 lbs

**SARA 313 Components** : hydrogen chloride 7647-01-0

**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:

**US.TSCA** On TSCA Inventory

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

# Material Safety Data Sheet

## THE WORKS® DISINFECTANT TOILET BOWL CLEANER

Version: 1.0

Revision Date: 09/23/2013

Print Date: 09/23/2013

<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

### SECTION 16. OTHER INFORMATION

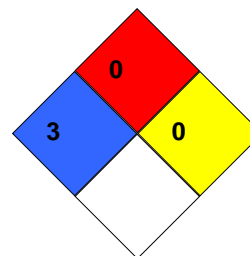
#### Further information

#### 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



## Material Safety Data Sheet

### THE WORKS® DISINFECTANT TOILET BOWL CLEANER

Version: 1.0

Revision Date: 09/23/2013

Print Date: 09/23/2013

<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.