

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.

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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.

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- 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

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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 ³ | |
| | C OSHA P0 1989-01-19 | 5 ppm 7 mg/m ³ | |
| | C NIOSH REL 2005-09-01 | 5 ppm 7 mg/m ³ | |

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

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- 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.

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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

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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 : 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.

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| | |
|--------------|--------------------------------------|
| AICS | Not in compliance with the inventory |
| NZIoC | Not in compliance with the inventory |
| 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

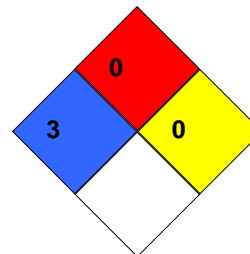
Further information

HMIS Classification

: Health hazard: 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

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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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