

Material Safety Data Sheet**THE WORKS® DISINFECTANT TOILET BWL CLNR**

Version: 1.1

Revision Date: 09/26/2011

Print Date: 11/22/2011

SECTION 1. PRODUCT AND COMPANY IDENTIFICATIONProduct name: *THE WORKS® DISINFECTANT TOILET BWL CLNR*

Product Use Description: Home Care Product

Registration number: 5185-494-80306

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

09/26/2011

+011-886-2-2712-5668 MSDSRequest@chemtura.com

SECTION 2. HAZARDS IDENTIFICATION**Emergency Overview****Danger**Form: clear liquid Colour: blue Odour: pleasantHazard 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.OSHA Hazards : THIS MATERIAL IS HAZARDOUS UNDER THE CRITERIA OF THE FEDERAL
OSHA HAZARD COMMUNICATION STANDARD 29CFR 1910.1200.**Potential Health Effects**Primary Routes of Entry : Skin contact
Inhalation

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Ingestion
Eye contact

Inhalation : May cause irritation of respiratory tract.

Skin : Causes skin burns.

Eyes : Corrosive - causes irreversible eye damage.

Ingestion : Harmful if swallowed.

Chronic Exposure : None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**Hazardous components**

Component / CAS-No.	Weight percent
hydrogen chloride 7647-01-0	20 %

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 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.
Do not give anything by mouth to an unconscious person.

Notes to physician

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

SECTION 5. FIRE-FIGHTING MEASURES**Flammable properties**

Flash point : Remarks: not applicable

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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 fire fighting : 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 fire-fighters : 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.
Wash thoroughly after handling.
Do not handle until all safety precautions have been read and understood.

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	2 ppm	

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	ACGIH 2007-01-01		
	C OSHA P1 2006-02-28	5 ppm 7 mg/m3	
	C OSHA P0 1989-01-19	5 ppm 7 mg/m3	

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

Hand protection : Wear rubber gloves.

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

Hygiene measures : Remove and wash contaminated clothing before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form : clear liquid

Colour : blue

Odour : pleasant

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 (270.0 mmHg)

Specific Gravity : 1.092 - 1.106 at 21 °C

Water solubility : Note: completely miscible

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Relative vapour density : Note: Not 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: 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.

Do not mix with other chemicals.
Do not mix with chlorine-type bleaches or other household chemicals.

Hazardous decomposition products : Note: Hydrogen, by reaction with metals
Other hazardous decomposition products may be formed.

Hazardous reactions : Hazardous polymerisation does not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50: 900 mg/kg
Species: rabbit
Remarks: Information refers to the main component.

Acute inhalation toxicity : LC50: Exposure time: 1 h
Species: rat
Remarks: Information refers to the main component.

Skin irritation : Remarks: Causes skin burns.

Eye irritation : Remarks: Causes eye burns.

12. ECOLOGICAL INFORMATION**Further information on ecology**

Additional ecological information : May be toxic to fish.
May be toxic to aquatic organisms.

SECTION 13. DISPOSAL CONSIDERATIONS

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

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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 Solution)
 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 Solution)
 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 Solution)
 Class : 8
 Packing group : II
 Labels : 8
 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
 ORM-D Consumer Commodity exemption possible

SECTION 15. REGULATORY INFORMATION

OSHA Hazards : This material is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

SARA 311/312 Hazards : Acute Health Hazard

EPCRA - EMERGENCY PLANNING COMMUNITY RIGHT - TO - KNOW

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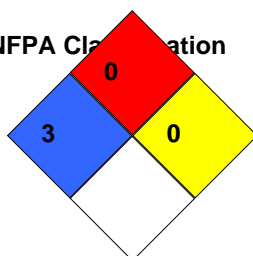
The components of this product are reported in the following inventories:

TSCA

Note: Listed

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.

Material Safety Data Sheet**THE WORKS® TUB AND SHOWER CLEANER**

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SECTION 1. PRODUCT AND COMPANY IDENTIFICATIONProduct name: *THE WORKS® TUB AND SHOWER CLEANER*

Product Use Description: Home Care Product

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

09/26/2011 +011-886-2-2712-5668 MSDSRequest@chemtura.com

SECTION 2. HAZARDS IDENTIFICATION**Emergency Overview****Caution**

Form: liquid Colour: colourless Odour: mild Fruity.

Hazard Summary : Causes eye irritation.
Causes skin irritation.
Avoid breathing vapors.
May be harmful if swallowed.
May cause respiratory tract irritation.
Do not get in eyes, on skin, or on clothing.

OSHA Hazards : THIS MATERIAL IS HAZARDOUS UNDER THE CRITERIA OF THE FEDERAL
OSHA HAZARD COMMUNICATION STANDARD 29CFR 1910.1200.

Potential Health Effects

Primary Routes of Entry : Skin contact
Inhalation
Ingestion
Eye contact

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Inhalation : May cause respiratory tract irritation.

Skin : Causes skin irritation.

Eyes : Causes eye irritation.

Ingestion : May be harmful if swallowed.

Chronic Exposure : None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**Hazardous components**

Component / CAS-No.	Weight percent
sulphamidic acid 5329-14-6	< 2 %
oxalic acid 144-62-7	< 1 %
1-butoxypropan-2-ol 5131-66-8	< 2 %

SECTION 4. FIRST AID MEASURES**First aid procedures**

Inhalation : Remove to fresh air.
Call a physician if irritation develops or persists.

Skin contact : Remove contaminated clothing and shoes.
Wash off with plenty of water.
Call a physician if irritation develops or persists.

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 unless told to do so by the poison control center or doctor.
Have person sip a glass of water if able to swallow.
Do not give anything by mouth to an unconscious person.

SECTION 5. FIRE-FIGHTING MEASURES**Flammable properties**

Flash point : Remarks: not applicable

Fire fighting

Suitable extinguishing media : Water fog

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Further information : Flush with plenty of water.
This product is not flammable, but will produce hydrogen gas when in contact with common metals. Hydrogen may form explosive or flammable mixtures with air.

Protective equipment and precautions for firefighters

Special protective equipment for fire-fighters : 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.
Do not mix with chlorine-type bleaches or other household chemicals.
Wash hands thoroughly with soap and water after handling and before eating, drinking or using tobacco.
Do not handle until all safety precautions have been read and understood.

Storage

Requirements for storage areas and containers : Store in original container.
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
oxalic acid 144-62-7	TWA ACGIH 2007-01-01	1 mg/m3	
	STEL ACGIH	2 mg/m3	

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	2007-01-01		
	TWA OSHA P1 1997-08-04	1 mg/m3	
	TWA OSHA P0 1989-01-19	1 mg/m3	
	STEL OSHA P0 1989-01-19	2 mg/m3	
(2-methoxymethylethoxy)propanol 34590-94-8	TWA ACGIH 2007-01-01	100 ppm	
	STEL ACGIH 2007-01-01	150 ppm	
	TWA OSHA P1 1997-08-04	100 ppm 600 mg/m3	
	TWA OSHA P0 1989-01-19	100 ppm 600 mg/m3	
	STEL OSHA P0 1989-01-19	150 ppm 900 mg/m3	

Engineering measures

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

Personal protective equipment

Eye protection : Safety glasses with side-shields
not required under normal use

Hand protection : Wear rubber gloves.
not required under normal use

Hygiene measures : Remove and wash contaminated clothing before re-use.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form : liquid
 Colour : colourless

Odour : mild
 Fruity.

Safety data

Flash point : Note: not applicable

pH : 1.0 - 1.5

Freezing point : Note: Not Available

Boiling point/boiling range : Note: Not Available

Vapour pressure : Note: Not Available

Specific Gravity : 1.00 - 1.02 at

Water solubility : Note: soluble

Relative vapour density : Note: Not Available

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Remarks: High temperatures.
 Poor ventilation.
 Contamination

Materials to avoid : Remarks: 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.

Do not mix with other chemicals.

Hazardous decomposition products : Note: Carbon oxides
 Other hazardous decomposition products may be formed.

Thermal decomposition : Remarks: Heating can release hazardous gases.

Hazardous reactions : Hazardous polymerisation does not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity :
 Remarks: Gastrointestinal disturbance

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Acute inhalation toxicity : Remarks: Causes respiratory tract irritation.
Irritating to mucous membranes

Skin irritation : Remarks: Causes skin irritation.

Eye irritation : Remarks: Causes eye irritation.

Sensitisation : Remarks: This product is not expected to be a skin sensitizer.

12. ECOLOGICAL INFORMATION**Further information on ecology**

Additional ecological information : May be toxic to fish.
May be toxic to aquatic organisms.

SECTION 13. DISPOSAL CONSIDERATIONS

Further information : Dispose of waste material in compliance with all federal, state, and local regulations.
Do not re-use empty containers. Recycle or dispose of container in trash.

SECTION 14. TRANSPORT INFORMATION**DOT**

UN number : 1760
Description of the goods : Corrosive liquids, n.o.s.
Class : 8
Packing group : II
ERG Code : 154

IATA

UN number : 1760
Description of the goods : Corrosive liquid, n.o.s.
Class : 8
Packing group : II
Labels : 8
Environmentally hazardous : no

IMDG

UN number : 1760
Description of the goods : CORROSIVE LIQUID, N.O.S.
Class : 8
Packing group : II
Labels : 8
EmS Number 1 : F-A
EmS Number 2 : S-B

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Marine pollutant : no
 Environmentally hazardous : no

SECTION 15. REGULATORY INFORMATION

OSHA Hazards : This material is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

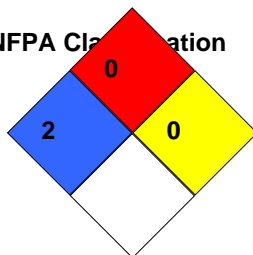
SARA 311/312 Hazards : Acute Health Hazard

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

Note: Listed

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

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Other Emergency Phone Number

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