

Material Safety Data Sheet

THE WORKS® TUB AND SHOWER CLEANER

Version: 1.

Revision Date: 01/15/2010

Print Date: 02/08/2010

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: *THE WORKS® TUB AND SHOWER CLEANER*

Product Use Description: Home Care Product

Synonyms: Organic Acid Mixture

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

Emergency telephone: 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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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

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- Primary Routes of Entry : Skin contact
Inhalation
Ingestion
Eye contact
- Aggravated Medical Condition : Not recommended for use by persons with heart conditions or chronic respiratory problems such as asthma, emphysema or obstructive lung disease.
- 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.

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SECTION 5. FIRE-FIGHTING MEASURES

Flammable properties

Flash point : Remarks: not applicable

Fire fighting

Suitable extinguishing media : Water fog

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.
Read entire product label and use strictly in accordance with hazard warning and directions.
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.

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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	1 mg/m3	Eye, skin, & Upper Respiratory Tract irritation
	ACGIH 2007-01-01		
	STEL	2 mg/m3	Eye, skin, & Upper Respiratory Tract irritation
	ACGIH 2007-01-01		
	TWA	1 mg/m3	
	OSHA P1 1997-08-04		
	TWA	1 mg/m3	
	OSHA P0 1989-01-19		
	STEL	2 mg/m3	
	OSHA P0 1989-01-19		
(2-methoxymethylethoxy)propanol 34590-94-8	TWA	100 ppm	Eye & Upper Respiratory Tract irritation Central Nervous System impairment Danger of cutaneous absorption
	ACGIH 2007-01-01		
	STEL	150 ppm	Eye & Upper Respiratory Tract irritation Central Nervous System impairment Danger of cutaneous absorption
	ACGIH 2007-01-01		
	TWA	100 ppm 600 mg/m3	Skin designation The value in mg/m3 is approximate.
	OSHA P1 1997-08-04		
	TWA	100 ppm 600 mg/m3	Skin notation
	OSHA P0 1989-01-19		
	STEL	150 ppm 900 mg/m3	Skin notation
	OSHA P0		

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	1989-01-19		
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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.

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

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: Reacts with household chemicals such as toilet bowl cleaners,

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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.

Hazardous decomposition products : Note: Carbon oxides
Organic vapors.
Inorganic vapors.

Thermal decomposition : Remarks: May emit toxic fumes.

Hazardous reactions : Hazardous polymerisation does not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : Remarks: Gastrointestinal disturbance

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

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DOT

UN-Number : 1760
Description of the goods : Corrosive liquids, n.o.s.
: (Sulfamic acid, OXALIC ACID)
Class : 8
Packing group : II
Labels : 8
Emergency Response : 154
Guidebook Number

IATA

UN-Number : 1760
Description of the goods : Corrosive liquid, n.o.s.
: (Sulfamic acid, OXALIC ACID)
Class : 8
Packing group : II
Labels : 8
Packing instruction (cargo aircraft) : 812
Packing instruction (passenger aircraft) : 808
Packing instruction (passenger aircraft) : Y808

IMDG

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

Marine pollutant : 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

SECTION 16. OTHER INFORMATION

Further information