

MATERIAL SAFETY DATA SHEET

MSDS

The Works® Tub & Shower Cleaner

Date-Issued: 04/06/2004
MSDS Ref. No: HWKS03340
Date-Revised: 11/08/2004
Revision No: 1

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: The Works® Tub & Shower Cleaner
GENERAL USE: Household Tub & Shower Cleaner
PRODUCT CODE: 3370;3372;3374;3381;4301;4441;8827;8842;8870;8874

MANUFACTURER

HomeCare Labs, Inc.
P.O. Box 491150
Lawrenceville, GA 30049
Customer SERVICE: (800)448-5281

24 HR. EMERGENCY TELEPHONE NUMBERS

Poison Control Center (Medical): (877) 800 - 5553
CHEMTREC (US Transportation): (800) 424 - 9300

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS#</u>	<u>Wt.%</u>
Phosphoric acid	7664-38-2	15 - 25

3. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

PHYSICAL APPEARANCE: Green, clear to slightly hazy, non-viscous liquid with fresh and clean scent.

IMMEDIATE CONCERNS: WARNING: Irritating to eyes and skin. Do not ingest or breath vapors. Use only with adequate ventilation.
Avoid contact with eyes. Do not mix with chlorine-type bleaches or other household chemicals. Keep out of reach of children.

POTENTIAL HEALTH EFFECTS

EYES: Causes eye irritation. Avoid contact with eyes.

SKIN: Causes skin irritation. Avoid contact with skin.

INGESTION: May be harmful if swallowed.

INHALATION: May be irritating to nose and throat. Avoid breathing vapors.

CHRONIC: There are no known chronic hazards.

MEDICAL CONDITIONS AGGRAVATED: Not recommended for use by persons with heart conditions or chronic respiratory problems such as asthma, emphysema or obstructive lung disease.

Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema, or bronchitis. Skin contact may aggravate existing skin disease.

ROUTES OF ENTRY: Skin Contact, Inhalation, Ingestion, Eye Contact

4. FIRST AID MEASURES

EYES: In case of contact with eyes: Flush with water for at least 15 minutes and get immediate medical attention.

SKIN: If on skin: Wash thoroughly and get medical attention if irritation develops.

INGESTION: If swallowed: Do not induce vomiting. Drink 1 or 2 glasses of water and get immediate medical attention.

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INHALATION: If inhaled: Remove to fresh air.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: None

GENERAL HAZARD: Although not flammable, a latent fire or explosion hazard exists when product is in contact with certain metals, due to the separation of flammable hydrogen gas.

EXTINGUISHING MEDIA: Water Fog

EXPLOSION HAZARDS: Reacts with most metals to form hydrogen gas which can form explosive mixtures with air.

FIRE FIGHTING EQUIPMENT: Firefighters should wear full protective clothing and self contained breathing apparatus (SCBA). Thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident.

HAZARDOUS DECOMPOSITION PRODUCTS: May emit toxic fumes upon thermal decomposition.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Utilizing appropriate clothing and safety equipment, contain spilled material. Cover the liquid with an inert absorbent. Using clean, dedicated equipment, sweep and scoop all spilled material, contaminated soil, and other contaminated material and place into clean dry plastic containers for disposal. Dispose of according to local, state and federal regulations.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid contact with eyes, skin or clothing. Avoid breathing vapors.

HANDLING: Read entire product label and use strictly in accordance with hazard warnings and directions. Do not mix with chlorine-type bleaches or other household chemicals.

STORAGE: Keep this product in its original container when not in use. Store in cool, dry, well-ventilated area. Keep this product and all other chemicals out of children's reach.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

		<u>EXPOSURE LIMITS</u>					
		<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>SUPPLIER OEL</u>	
		<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>
Phosphoric acid	TWA		1		1		
	STEL				3		

ENGINEERING CONTROLS: General room ventilation plus local exhaust should be used to maintain exposure below TLV.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: Use of safety glasses with side shields is recommended.

SKIN: Household vinyl or rubber gloves are recommended.

RESPIRATORY: In processes where mists or vapors may be generated, a NIOSH/MSHA approved respirator is advised in the absence of proper environmental controls.

WORK HYGIENIC PRACTICES: If product gets on clothing, remove and wash before reuse.

OTHER USE PRECAUTIONS: Facilities storing or utilizing this material should be equipped with an eyewash and safety shower.

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9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Fresh and clean odor

APPEARANCE:

Clear to slightly hazy.

COLOR: Green

pH: <2.0

VAPOR PRESSURE: Not Established

VAPOR DENSITY: Not Established

BOILING POINT: 101.7°C (215°F)

FREEZING POINT: -6.7°C (20°F)

SOLUBILITY IN WATER: Miscible in Water

EVAPORATION RATE: >1 (n-Butyl Acetate=1)

SPECIFIC GRAVITY: 1.128 g/ml

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: High temperature. Poor ventilation. Contamination.

STABILITY: This product is stable under normal conditions.

POLYMERIZATION: Hazardous polymerization will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Vapors/fumes of organic/inorganic materials plus oxides of carbon may be emitted.

INCOMPATIBLE MATERIALS: Reacts with other household chemicals such as toilet bowl cleaners, rust removers, chlorine-type bleaches, vinegar, acids or ammonia containing products to produce hazardous gases, such as chlorine and other chlorinated species. Reacts with certain metals or metallic surfaces.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Causes eye irritation.

SKIN EFFECTS: Causes skin irritation.

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

CARCINOGENICITY:

This product is not listed as a carcinogen by IARC.

This product is not listed as a carcinogen by NTP.

This product is not listed as a carcinogen by OSHA.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: This product may be toxic to fish and aquatic organisms. Keep product from entering waterways and watersheds.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Do not put product, spilled product, or filled or partially filled containers into the trash or waste compactor.

PRODUCT DISPOSAL: Dispose of unused, uncontaminated product in compliance with local, state and federal regulations.

EMPTY CONTAINER: Do not reuse container. Rinse thoroughly before discarding in trash.

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14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Corrosive Liquids, N.O.S. (contains phosphoric acid)

PRIMARY HAZARD CLASS/DIVISION: 8 (Corrosive)

UN/NA NUMBER: 1760

PACKING GROUP: II

OTHER SHIPPING INFORMATION: Limited Quantity

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: NO PRESSURE GENERATING: NO REACTIVITY: NO ACUTE: YES CHRONIC: NO

313 REPORTABLE INGREDIENTS: Phosphoric acid is a SARA Title III Section 313 Toxic Chemical.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Phosphoric acid (CAS # 7664-38-2), a component of this product, has a CERCLA RQ of 5000 lbs.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: This product or its components are not subject to export notification.

TSCA STATUS: This product or its components are listed on the TSCA Inventory.

OSHA HAZARD COMM. RULE: Product is hazardous by definition of the Hazardous Communication Standard.

CLEAN WATER ACT: Phosphoric acid is listed as a Clean Water Act Section 311 Hazardous Substance.

FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT): This product is not a registered pesticide.

16. OTHER INFORMATION

PREPARED BY: Regulatory Affairs Department

REVISION SUMMARY Revision #: 1 This MSDS replaces the April 07, 2004 MSDS. Any changes in information are as follows: In Section 1 Product Code In Section 3 Medical Conditions Aggravated In Section 4 Firstaid - Eyes Firstaid - Skin Firstaid - Inhalation In Section 9 Color

HMIS RATING

HEALTH:		2
FLAMMABILITY:		0
PHYSICAL HAZARD:		0
PERSONAL PROTECTION:		B

NFPA RATING

HEALTH:	2
FIRE:	0
REACTIVITY:	0

Key

- 4 = Severe
- 3 = Serious
- 2 = Moderate
- 1 = Slight
- 0 = Minimal

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