



## ACCULOGIC ACIDIC TUB & TILE :: SAFETY DATA SHEET

Version 1.0

Issuing Date 21-Aug-2013

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### Product identifier

**Product name** Acculogic Tub & Tile Cleaner

#### Other means of identification

**Product Code** FM9126

**UN/ID No** UN3264

**Document** 1

#### Recommended use of the chemical and restrictions on use

**Recommended use** Tub and Tile Cleaner

#### Details of the supplier of the safety data sheet

##### **Distributor**

Accurate Companies  
731 W Fairmont Dr Tempe, AZ  
85282

##### **Emergency telephone number**

**24 Hour Emergency Phone Number** CHEMTREC: 1-800-424-9300 (NORTH AMERICA)  
1-703-527-3887 (INTERNATIONAL)

**Company Number** 602-996-9191 1-800-870-8508

### 2. HAZARDS IDENTIFICATION

#### Classification

##### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute Toxicity - Oral	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 1 Sub-category B
Serious eye damage/eye irritation	Category 1

#### Label elements

##### **Emergency Overview**

##### **Danger**

##### **Hazard Statements**

Harmful if swallowed  
Harmful if inhaled  
Causes severe skin burns and eye damage




**Appearance** Transparent Green

**Physical state** Liquid

**Odor** Fresh

**Precautionary Statements - Prevention**

- Wash face, hands and any exposed skin thoroughly after handling
- Do not eat, drink or smoke when using this product
- Use only outdoors or in a well-ventilated area
- Do not breathe dust/fume/gas/mist/vapors/spray
- Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

- Immediately call a POISON CENTER or doctor/physician
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
- Wash contaminated clothing before reuse
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**
**Other information**

- May be harmful in contact with skin
  - Toxic to aquatic life
- Unknown Acute Toxicity 49.8% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Chemical Name	CAS-No	Weight-%	Trade Secret
Phosphoric acid	7664-38-2	15% - 25%	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

**First aid measures for different exposure routes**
**General advice**

Show this safety data sheet to the doctor in attendance.

<b>Eye contact</b>	Check for and remove contact lens. Immediately flush with plenty of water for at least 15 minutes. Get medical attention immediately.
<b>Skin contact</b>	Flush with flowing water for 15 minutes. See physician if irritation persists.
<b>Inhalation</b>	Remove to fresh air. Seek medical attention if symptoms persist.
<b>Ingestion</b>	Do NOT induce vomiting. If fully conscious, rinse mouth out with water and drink 2 glasses. Get medical aid immediately.

**Most important symptoms/effects, acute and delayed**

<b>Main Symptoms</b>	The most important known symptoms and effects are described in the labelling in section 2 and/or in section 11.
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**Indication of immediate medical attention and special treatment needed, if necessary**

<b>Notes to physician</b>	Treat symptomatically.
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## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

No information available.

**Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

<b>Personal precautions</b>	Use personal protective equipment. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.
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**Environmental precautions**

<b>Environmental precautions</b>	See Section 12 for additional Ecological Information.
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**Methods and materials for containment and cleaning up**

<b>Methods for Containment</b>	Dilute with water and neutralize as required. Contain spill. Mop up or absorb on inert material. Place in suitable drums for disposal.
<b>Methods for cleaning up</b>	Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling**

Do not eat, drink or smoke when using this product. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water.

**Conditions for safe storage, including any incompatibilities**
**Technical measures/Storage conditions**

Keep container in cool well-ventilated area. Keep container tightly closed. Store away from incompatible materials. Keep out of the reach of children.

**Incompatible products**

Acids. Alkalis. Ammonia. Halogens. Metals. Flammables.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**
**Control parameters**
**Exposure Guidelines**

Review Section 3 & 4 for Exposure Guidelines.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Phosphoric acid 7664-38-2	STEL: 3 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup> test	TWA: 1 mg/m <sup>3</sup>	IDLH: 1000 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup>

**Appropriate engineering controls**
**Engineering Measures**

Ensure adequate ventilation and that running water is available for washing eyes and skin

**Individual protection measures, such as personal protective equipment**
**Eye/Face Protection**

Splash-proof chemical goggles or face shield.

**Skin and body protection**

Wear appropriate chemical resistant clothing and chemical resistant gloves.

**Respiratory protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene measures**

Do not eat, drink or smoke when using this product. Practice good personal hygiene. Wash after handling.

**9. PHYSICAL AND CHEMICAL PROPERTIES**
**Physical and chemical properties**
**Physical state**

Liquid

**Appearance**

Transparent

**Color**

Green

**Odor**

Fresh

**Odor Threshold**

No information available

**Property**
**Values**
**Remarks • Methods**
**pH**

1.5

**Melting/freezing point**

No information available

**Boiling point/boiling range**

65 °C 150 °F

**Flash Point**

>93 °C >200 °F

**Evaporation rate**

< 1

**Flammability (solid, gas)**

No information available

**Flammability Limits in Air**
**Upper flammability limit**

No information available

**Lower flammability limit**

No information available

**Vapor pressure**

No information available

**Vapor density**

No information available

**Specific Gravity**

1.124

**Water solubility**

No information available

**Solubility in other solvents**

No information available

Partition coefficient: n-octanol/water	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity, kinematic	No information available
Viscosity, dynamic	No information available
Explosive properties	No information available
Oxidizing Properties	No information available

**Other information**

Softening point	No information available
Molecular Weight	No information available
VOC Content(%)	No information available
Density VALUE	No information available
Bulk Density VALUE	No information available

**10. STABILITY AND REACTIVITY****Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to Avoid**

Extremes of temperature and direct sunlight.

**Incompatible Materials**

Acids. Alkalies. Ammonia. Halogens. Metals. Flammables.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

<b>Product Information</b>	Harmful if swallowed Causes severe skin burns and eye damage Product is harmful by inhalation
<b>Inhalation</b>	Corrosive to respiratory system.
<b>Eye contact</b>	Corrosive to the eyes and may cause severe damage including blindness.
<b>Skin contact</b>	Causes burns.
<b>Ingestion</b>	Severe irritation of the gastrointestinal tract, causing vomiting, nausea and burns.

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Phosphoric acid 7664-38-2	= 1530 mg/kg ( Rat )	= 2740 mg/kg ( Rabbit )	> 850 mg/m <sup>3</sup> ( Rat ) 1 h

**Information on toxicological effects**

<b>Symptoms</b>	No information available.
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**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Sensitization</b>	No information available.
<b>Mutagenic effects</b>	No information available.
<b>Carcinogenicity</b>	No information available.

Reproductive toxicity No information available.  
STOT - single exposure No information available.  
STOT - repeated exposure No information available.  
Aspiration hazard No information available.

**Numerical measures of toxicity - Product Information**

Unknown Acute Toxicity 49.8% of the mixture consists of ingredient(s) of unknown toxicity  
The following values are calculated based on chapter 3.1 of the GHS document .  
ATEmix (oral) 1565 mg/kg  
ATEmix (dermal) 3010 mg/kg  
ATEmix (inhalation-dust/mist) 0 mg/l

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

63.6% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Phosphoric acid 7664-38-2	-	3 - 3.5: 96 h Gambusia affinis mg/L LC50	4.6: 12 h Daphnia magna mg/L EC50

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment**

**Waste Disposal Methods** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Phosphoric acid 7664-38-2	Corrosive

**14. TRANSPORT INFORMATION****DOT**

UN/ID No Regulated  
UN3264  
Proper shipping name Corrosive Liquid, Acidic, inorganic, n.o.s. (Phosphoric Acid, Hydroxyacetic Acid)  
Hazard class 8  
Packing Group III

**15. REGULATORY INFORMATION****International Inventories**

TSCA	-
DSL/NDSL	-
EINECS/ELINCS	-
ENCS	-
IECSC	-
KECL	-
PICCS	-
AICS	-

**Legend:**

TSCA - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

**U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

Acute Health Hazard	Yes
Chronic Health Hazard	no
Fire Hazard	no
Sudden Release of Pressure Hazard	no
Reactive Hazard	Yes

**Clean Water Act**

This product contains one of the chemicals subject to regulation by Section 311 of the Clean Water Act and the Oil Pollution Act. Releases of the product into or leading to surface waters must be reported to the National Response Center at 1-800-424-8802.

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Phosphoric acid 7664-38-2	5000 lb	-	-	X

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Phosphoric acid 7664-38-2	5000 lb	-	RQ 5000 lb final RQ RQ 2270 kg final RQ

**U.S. State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product contains substances regulated by state right-to-know regulations.

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Phosphoric acid 7664-38-2	X	X	X

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION**

<b>NFPA</b>	Health Hazards 2	Flammability 0	Instability 0	Physical and chemical hazards COR
<b>HMIS</b>	Health hazard 2	Flammability 0	Physical Hazards 0	Personal protection X

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Issuing date 20-April-2017

Revision Date

Revision Note New Product

**Disclaimer**

The information provided in this Material 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.

End of Safety Data Sheet