

# Safety Data Sheet

Issue date: 3/12/2015

## Section 1: Product and Company Information

Product Identifier: **ACS Brite Acid Bathroom Cleaner**  
Product Code/SKU: 13001302

Recommended Use: Bathroom cleaner  
Restrictions on Use: Use only for purpose found on label.  
Product Dilution Information: Use as directed per label instructions

Manufacturer: **American Chemical Systems II, LLC**  
**3505 W. 29th Street South**  
**Wichita, KS USA 67217**  
**(800)889-3489**  
**americanchemicalsystems.com**

Emergency Telephone: Chemtrec 1-800-424-9300 USA and Canada  
Chemtrec 1-703-527-3887 Outside USA and Canada

## Section 2: Hazard Identification

GHS Classification: Corrosive to metals  
Skin irritation/corrosion  
Eye irritation/eye damage

GHS Labeling Element  
Signal Word:  
Symbol:

Danger



Hazard Statement: Corrosive to metals  
Causes skin and eye damage

Precautionary Statements:

Prevention: Wear protective clothing, gloves, and eye and face protection.

Response:

If swallowed: Rinse mouth, do not induce vomiting.

If on skin: Wash with water, remove contaminated clothing.

Inhalation: Remove person to fresh air - administer artificial respiration if not breathing.

If in eye: Flush continuously with water - remove contacts and continue flushing with water.

Treatment: Seek medical assistance if symptoms persist.

Storage: Keep product stored in original container, in an upright position, with container tightly closed.

Disposal: Dispose of contents/container according to local/regional regulations.

Other Hazards: None known

## Section 3: Composition/Information on Ingredients

Substance/Mixture: Mixture

Chemical name	Product Identifier	%
Phosphoric acid	CAS 7664-38-2	5 - 20%
Citric acid	CAS 77-92-9	5 - 20%

There are no additional ingredients present which, within the current knowledge of the manufacturer and in the concentrations applicable,

are classified as hazardous to health or to the environment and hence require reporting in this section. Concentration percentages are given as a range as a claim for a trade secret is being made.

**Section 4: First Aid Measures**

First Aid Measures:

General: Never give anything by mouth to an unconscious person. If you feel unwell, then seek medical assistance.

If swallowed: Rinse mouth, do not induce vomiting.

If on skin: Wash with water, remove contaminated clothing.

Inhalation: Remove person to fresh air - administer artificial respiration if not breathing.

If in eye: Flush continuously with water - remove contacts and continue flushing with water.

Treatment: Seek medical assistance if symptoms persist.

Important Symptoms and Effects, both Acute and Delayed

Symptoms/Injuries: Causes severe skin burns and eye damage. Effects of exposure may be delayed.

If swallowed: Ingestion is likely to be harmful and have adverse health effects.

If on skin: Causes skin burns.

Inhalation: Symptoms may cause irritation to the respiratory tract.

If in eye: Causes eye damage.

Recommendation: Seek medical assistance if symptoms persist or concerns are present.

First Aid Providers: All first aid providers should receive proper training before performing any first aid act that would involve personal risk. Wash contaminated clothing with water thoroughly before removal or wear gloves.

**Section 5: Firefighting Measures**

Suitable Fire Extinguishing

Media: No special media necessary. Use extinguishing media appropriate for surrounding fire.

Special Hazards: Product is non flammable and is not explosive. Product is corrosive to metals as sold.

Advice for Firefighters: Exercise caution when fighting any chemical fire. Use a water spray to cool containers. Do not enter fire area without proper protective equipment, including respiratory protection.

**Section 6: Accidental Release Measures**

Personal Precautions: Initiate company's spill procedures. Do not walk through or touch spilled product. Do not get on skin, in eyes, or on clothing. Put on appropriate personal protection equipment.

Environmental Precautions: Avoid runoff into public waterways, sewers, or onto soil.

Methods for Clean Up: Follow company's spill procedures. Put on appropriate protective clothing. Neutralize/absorb spilled product with inert material. Dispose of inert material by placing in suitable container. Dispose of waste safely. Rinse with water for a final clean up.

**Section 7: Handling and Storage**

Precautions for Safe

Handling: Do not get on skin, in eyes, or on clothing. Do not breathe vapor or mist. Do not handle until all safety procedures have been read and understood. Wash hands and other exposed areas with soap and water after handling.

Conditions for Safe Storage: Keep product in original container, in an upright position, with container tightly closed. Keep out of reach of children.

**Section 8: Exposure Controls/Personal Protection**

Control parameters:

Ingredient Name

Exposure Limits

Phosphoric acid	ACGIH TWA (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
	ACGIH STEL (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup>
	NIOSH REL (TWA) (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
	NIOSH REL (STEL) (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup>
	US IDLH (mg/m <sup>3</sup> )	1000 mg/m <sup>3</sup>
	OSHA PEL (TWA) (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>

Engineering Controls: Use adequate ventilation. Keep vapor/fumes below statutory limits. Provide availability to water to flush skin or eyes in case of exposure.

Personal Protection:

Hand protection: Wear chemical resistant gloves  
Eye protection: Use chemical splash goggles. For severe exposure, wear face shield.  
Skin protection: Wear suitable protective clothing.  
Respiratory protection: Not necessary under normal operating and intended use of this product.  
General: Wash hands, face, and arms after handling chemical products and before eating, drinking, or using restroom. Wash contaminated clothing before wearing again.

### Section 9: Physical and Chemical Properties

Physical state: Liquid  
Color: Pink  
Odor: Pleasant  
pH: <6  
Evaporation rate: No data available  
Melting point: No data available  
Freezing point: No data available  
Boiling point: No data available  
Flash point: No data available  
Explosion limits: No data available  
Flammability (solid/gas): No data available  
Vapor pressure: No data available  
Vapor density: No data available  
Relative density: >1 (water=1)  
Solubility: No data available  
Decomposition temperature: No data available

### Section 10: Stability and Reactivity

Reactivity: Corrosive to metals.  
Chemical stability: Stable.  
Hazardous Reactions: Hazardous polymerization will not occur.  
Conditions to Avoid: Direct sunlight. Extreme temperatures. Contact with metal.  
Incompatible Materials: Strong acids. Strong bases. Strong oxidizers. Metals.  
Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not occur.

### Section 11: Toxicological Information

Routes of Exposure: Ingestion. Skin contact. Inhalation. Eye contact.

Symptoms: Ingestion: Adverse effects: stomach pains  
Skin Contact: Adverse effects: irritation, redness, blisters  
Inhalation: Adverse effects: cough, respiratory irritation  
Eye Contact: Adverse effects: redness, watering, irritation  
Acute Toxicity: Ingestion: May cause burns to mouth, throat, stomach  
Skin Contact: May cause skin burns  
Inhalation: May cause respiratory irritation  
Eye Contact: May cause serious eye damage.

Toxicity Data:	Phosphoric acid (CAS 7664-38-2)	LD50 oral rat	1350 mg/kg
		LD50 dermal rabbit	2730 m/kg
		LC50 inhalation rat	>850mg/m <sup>3</sup>

Carcinogenicity: No known effects or critical hazards

Reproductivity: No known effects or critical hazards

### Section 12: Ecological Information

Toxicity:			Exposure	Species	
	Phosphoric acid (CAS 7664-38-2)	LC50 Fish 1	3.5mg/l	96 h	Gambusia affinis
	Phosphoric acid (CAS 7664-38-2)	EC50 Daphnia	4.6 mg/l	12 h	Daphnia magna

Persistence and degradability: Not established

Bioaccumulative potential: Not established

Mobility in Soil: Not established

Other adverse effects: None noted

### Section 13: Disposal Considerations

Disposal methods: Dispose of waste in accordance with local, regional, and national regulations

### Section 14: Transport Information

In accordance with: ICAO/IATA/DOT/TDG

DOT Classification: Not regulated

DOT Shipping name: Not regulated

Class:

Packing Group:

Bulk Transport: See shipping documents for specific transportation information

Marine Pollutant: No

### Section 15: Regulatory Information

US Federal Regulations: All components are listed or exempted

TSCA 8(b) Inventory No chemicals subject to reporting

SARA 304 Acute health hazard

SARA 311/312 No chemicals subject to reporting

SARA 302 No chemicals subject to reporting

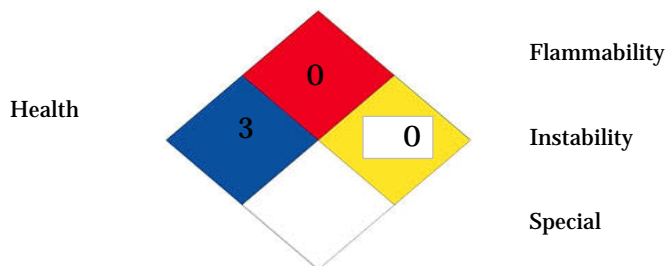
SARA 313

### Section 16: Other Information

Hazardous Material Information System:

Health	3
Flammability	0
Physical Hazards	0

National Fire Protection Association (U.S.A.)



The information provided in this SDS Safety Data Sheet is correct to the best of knowledge, information, and belief at this date of publication. The information given is designed only as a guide for safe usage, handling, transporting, storage, disposal and is not to be considered a warranty or quality specification. No warranty, either express or implied, is made to the completeness or continuing accuracy of this information.