

# Safety Data Sheet

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## Section 1: Product and Company Information

Product Identifier: **ACS Food Wash**  
Product Code/SKU: 700730

Recommended Use: Fruit and Vegetable wash  
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**  
**2520 South Sheridan St.**  
**Wichita, KS USA 67217**  
**(800)889-3489**  
**americanchemicalsystems.com**

Emergency Telephone: Chemtrec 1-800-424-9300 USA and Canada

## Section 2: Hazard Identification

GHS Classification: Corrosive to metals - category 1  
Skin irritation/corrosion  
Eye irritation/eye damage  
May cause respiratory irritation

GHS Labeling Element  
Signal Word:  
Symbol:

Danger



Hazard Statement: Corrosive to metals  
Causes skin and eye damage  
May cause respiratory irritation

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	20-40%

Citric acid

CAS 77-92-9

0-10%

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: Clear  
 Odor: Chemical  
 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: UN 1760  
DOT Shipping name: Corrosive Liquid (Phosphoric acid)  
Class: 8  
Packing Group: III  
Bulk Transport: See shipping documents for specific transportation information  
Marine Pollutant: No

## Section 15: Regulatory Information

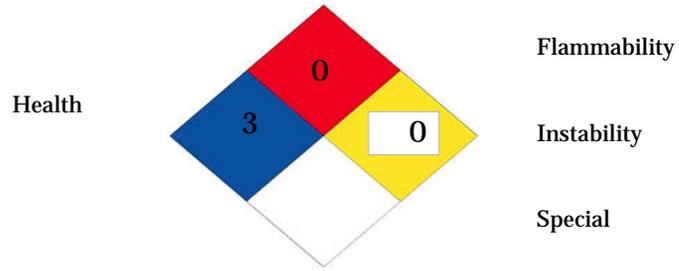
US Federal Regulations: All components are listed or exempted  
TSCA 8(b) Inventory No chemicals subject to reporting  
SARA 304 Acute health hazard  
SARA 311/312 All components are listed or exempted  
SARA 302 All components are listed or exempted  
SARA 313

## Section 16: Other Information

Hazardous Material Information System:

Health	3
Flammability	0
Physical Hazards	0

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



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