

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

# **GHS** product identifier

Product Name Acculogic Laundry Sour Soft

Other means of identification

Product Code(s) ACL-Laundry Sour Soft

UN-Number UN3264

Synonyms FM9023

Recommended use of the chemical and restrictions on use

Recommended Use Neutralizing Softener

Uses advised against No information available

Supplier's details

**Supplier Address** 

Accurate Chemical 731 W. Fairmont Drive Tempe, AZ 85282

# **Emergency telephone number**

**Emergency Telephone** 1-800-870-8508

**Number** Chemtrec 1-800-424-9300

# 2. HAZARDS IDENTIFICATION

# Classification

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

Acute Inhalation Toxicity - Dusts and Mists	Category 4
Skin Corrosion/Irritation	Category 1 Subcategory 1B
Serious Eye Damage/Eye Irritation	Category 1

#### GHS Label elements, including precautionary statements

# **Emergency Overview**

Signal Word Danger

**Hazard Statements** 

Harmful if inhaled

Causes severe skin burns and eye damage





Appearance Red Physical State Liquid Odor Faint

#### **Precautionary Statements**

#### Prevention

- · Do not handle until all safety precautions have been read and understood
- Use personal protective equipment as required
- Do not breathe dust/fume/gas/mist/vapors/spray
- · Wash face, hands and any exposed skin thoroughly after handling

#### **General Advice**

• Immediately call a POISON CENTER or doctor/physician

#### **Eyes**

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- Immediately call a POISON CENTER or doctor/physician.

#### Skin

- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
- · Wash contaminated clothing before reuse

#### Inhalation

• IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

#### Ingestion

• IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

#### Storage

Store locked up

#### **Disposal**

• Dispose of contents/container to an approved waste disposal plant

#### **Hazard Not Otherwise Classified (HNOC)**

Not applicable

#### Other information

Toxic to aquatic life. Harmful to aquatic life with long lasting effects

No information available.

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Trade secret
Phosphoric acid	7664-38-2	15-30	*

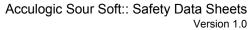
<sup>\*</sup>The exact percentage (concentration) of composition has been withheld as a trade secret.

# 4. FIRST AID MEASURES

## **Description of necessary first-aid measures**

General Advice

Immediate medical attention is required.



Acculogic Sour

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek

immediate medical attention/advice.

Skin Contact Wash off immediately with soap and plenty of water removing all contaminated clothes and

shoes. Wash contaminated clothing before reuse. Seek immediate medical

attention/advice.

**Inhalation** Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

**Ingestion** Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an

unconscious person. If symptoms persist, call a physician.

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

Most Important Symptoms/Effects No information available.

#### Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician Treat symptomatically.

# 5. FIRE-FIGHTING MEASURES

## Suitable Extinguishing Media

Water. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Keep containers and surroundings cool with water spray.

#### Unsuitable Extinguishing Media None

### **Specific Hazards Arising from the Chemical**

Sealed containers may rupture when heated. Spills produce extremely slippery surfaces.

Hazardous Combustion Products None.

**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

**Personal Precautions** If spilled, take caution, as material can cause surfaces to become very slippery. Avoid

contact with skin, eyes and clothing. Do not breathe vapors or spray mist. Ensure adequate

ventilation. Use personal protective equipment.

# Environmental Precautions

**Environmental Precautions** Avoid release to the environment. Collect spillage. See Section 12 for additional Ecological

Information Dispose of contents/container to an approved waste disposal plant. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

### Methods and materials for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder,

sawdust). Sweep up and shovel into suitable containers for disposal. After cleaning, flush

away traces with water.



# 7. HANDLING AND STORAGE

#### Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Ensure adequate

ventilation. Avoid contact with skin, eyes and clothing. Do not breathe vapors or spray mist.

Do not eat, drink or smoke when using this product.

#### Conditions for safe storage, including any incompatibilities

Storage Keep container tightly closed. Keep container closed when not in use. Keep out of the

reach of children.

**Incompatible Products** Chlorine-based bleaching agents.

# 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### **Control parameters**

#### **Exposure Guidelines**

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

#### Appropriate engineering controls

Engineering Measures Showers

Eyewash stations Ventilation systems

# Individual protection measures, such as personal protective equipment

Eye/Face ProtectionTightly fitting safety goggles.Skin and Body ProtectionRubber gloves. Rubber apron.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

respiratory protection should be worn.

**Hygiene Measures** Wash thoroughly after handling.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

Physical State Liquid Appearance Pink Red

Odor Fresh Odor Threshold No information available

Property Values Remarks/ - Method Hq <3 None known Melting Point/Range No data available None known **Boiling Point/Boiling Range** 100 °C / 212 °F None known Flash Point None known None **Evaporation rate** No data available None known Flammability (solid, gas) No data available None known Flammability Limits in Air upper flammability limit No data available lower flammability limit No data available No data available **Vapor Pressure** None known No data available **Vapor Density** None known No data available **Relative Density** None known **Specific Gravity** 1.03 None known **Water Solubility** Complete None known



Solubility in other solvents No data available None known Partition coefficient: n-octanol/waterNo data available None known **Autoignition Temperature** No data available None known **Decomposition Temperature** No data available None known **Viscosity** No data available None known

Flammable Properties Not flammable

**Explosive Properties** Not explosive **Oxidizing Properties** Not an oxidizer

**Other information** 

**VOC Content (%)** 0%

# 10. STABILITY AND REACTIVITY

#### Reactivity

No data available.

#### **Chemical stability**

Stable under recommended storage conditions.

# Possibility of hazardous reactions

None under normal processing.

## **Conditions to avoid**

None known based on information supplied.

# **Incompatible materials**

Chlorine-based bleaching agents.

## **Hazardous decomposition products**

No data available.

# 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

**Product Information** 

Inhalation Avoid breathing vapors or mists. May be harmful by inhalation.

**Eve Contact** Corrosive to the eyes and may cause severe damage including blindness.

**Skin Contact** Skin contact with corrosive substances can cause skin burns.

Ingestion Harmful if swallowed. Gastrointestinal discomfort.

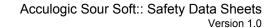
#### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** No information available.

# Delayed and immediate effects and also chronic effects from short and long term exposure

Sensitization No information available. **Mutagenic Effects** No information available.

Carcinogenicity Does not contain carcinogenic ingredients.





Reproductive Toxicity
STOT - single exposure
STOT - repeated exposure
Aspiration Hazard
No information available.
No information available.
No information available.

Numerical measures of toxicity • - Product

The following values are calculated based on chapter 3.1 of the GHS document:

LD50 Oral No information available.
LD50 Dermal No information available.
Inhalation

dust/mist No Information available.

# 12. ECOLOGICAL INFORMATION

#### **Ecotoxicity**

Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Phosphoric acid		LC50: 3 - 3.5 mg/L		EC50 12 h: = 4.6 mg/L
		Gambusia affinis 96 h		(Daphnia magna)

Persistence and Degradability No information available.

**Bioaccumulation**No information available.

# Other Adverse Effects

No information available.

# 13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods Dispose of in accordance with federal, state, and local regulations

**Contaminated Packaging** Dispose of in accordance with federal, state, and local regulations.

Chemical Name	California Hazardous Waste		
Phosphoric acid	Corrosive		

# 14. TRANSPORT INFORMATION

DOT

UN-Number UN3264

**Proper shipping name** Corrosive liquid, acidic, inorganic, n.o.s.

154

Hazard Class 8
Packing Group ||

Reportable Quantity (RQ) Phosphoric acid: RQ kg= 7964.91

Description UN3264, Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric acid), 8, II, RQ

Emergency Response Guide

Number

### 15. REGULATORY INFORMATION

#### **International Inventories**

TSCA Complies

#### Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

### U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains no chemical or 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 HazardYesChronic Health HazardNoFire HazardNoSudden Release of Pressure HazardNoReactive HazardNo

### Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Phosphoric acid	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	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

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Phosphoric acid	X	X	X		X

### U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION						
NFPA	Health Hazard	3	Flammability	0	Instability 0	Physical and Chemical Hazards -
<u>HMIS</u>	<b>Health Hazard</b>	3	Flammability	0	Physical Hazard 0	Personal Protection C

Prepared By

Accurate Chemical
731 W. Fairmont Dr.

Tempe, AZ 85282

**Issuing Date** March 1, 2016

**Revision Date** 

Revision Note New Issue

**General Disclaimer** 

The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

**End of Safety Data Sheet**