

# Material Safety Data Sheet



FOAM-SHINE (US)

## 1. Product and company identification

Trade name of product : FOAM-SHINE (US)  
Product use : Cleaning product

Product dilution information : Up to 62.5 mL/L in water

Supplier's information : Ecolab Inc. Food & Beverage Division  
370 N. Wabasha Street  
St. Paul, MN 55102  
1-800-392-3392

Code : 908575-03

Date of issue : 08-September-2010

EMERGENCY HEALTH INFORMATION: 1-800-328-0026  
Outside United States and Canada CALL 1-651-222-5352 (in USA)

## 2. Hazards identification

**Product AS SOLD**

Physical state : Liquid.  
Emergency overview : DANGER!

CAUSES RESPIRATORY TRACT, DIGESTIVE TRACT, EYE AND SKIN BURNS.

Do not ingest. Do not get in eyes, on skin or on clothing. Do not breathe vapor or spray. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

**Product AT USE DILUTION**

Liquid.  
DANGER !

CAUSES DIGESTIVE TRACT, EYE AND SKIN BURNS.  
CAUSES RESPIRATORY TRACT IRRITATION.

Do not ingest. Do not get in eyes, on skin or on clothing. Avoid breathing vapors, spray or mists. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

### Potential acute health effects

**Product AS SOLD**

Eyes : Corrosive to eyes.  
Skin : Corrosive to the skin.  
Inhalation : Corrosive to the respiratory system.  
Ingestion : Causes burns to mouth, throat and stomach.

**Product AT USE DILUTION**

Corrosive to eyes.  
Corrosive to the skin.  
Irritating to respiratory system.  
Causes burns to mouth, throat and stomach.

See toxicological information (section 11)

## 3. Composition/information on ingredients

### Product AS SOLD

Name	CAS number	% by weight
PHOSPHORIC ACID	7664-38-2	27
methanesulphonic acid	75-75-2	5 - 20
SODIUM XYLENE SULFONATE	1300-72-7	1 - 5
sulfonic acids, petroleum, sodium salts	68608-26-4	1 - 5
poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy-	9043-30-5	1 - 5

### Product AT USE DILUTION

Name	CAS number	% by weight
PHOSPHORIC ACID	7664-38-2	2

### 3. Composition/information on ingredients

### 4. First aid measures

	<b>Product AS SOLD</b>	<b>Product AT USE DILUTION</b>
<b>Eye contact</b>	: In case of contact, immediately flush eyes with cool running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes. Get medical attention immediately.	In case of contact, immediately flush eyes with cool running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes. Get medical attention immediately.
<b>Skin contact</b>	: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Clean shoes thoroughly before reuse.	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Clean shoes thoroughly before reuse.
<b>Inhalation</b>	: If inhaled, remove to fresh air. If exposed person is not breathing, give artificial respiration or oxygen applied by trained personnel. Get medical attention immediately.	If inhaled, remove to fresh air. Get medical attention if irritation persists.
<b>Ingestion</b>	: If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.	If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

### 5. Fire-fighting measures

#### Product AS SOLD

#### Hazardous thermal decomposition products

- : Decomposition products may include the following materials:
- carbon dioxide
  - carbon monoxide
  - sulfur oxides
  - phosphorus oxides
  - metal oxide/oxides

#### Fire-fighting media and instructions

- : Use an extinguishing agent suitable for the surrounding fire.

Dike area of fire to prevent runoff.

In a fire or if heated, a pressure increase will occur and the container may burst.

#### Special protective equipment for fire-fighters

- : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### 6. Accidental release measures

	<b>Product AS SOLD</b>	<b>Product AT USE DILUTION</b>
<b>Personal precautions</b>	: Initiate company's spill response procedures immediately. Keep people out of area. Put on appropriate personal protective equipment (see section 8). Do not touch or walk through spilled material.	Initiate company's spill response procedures immediately. Keep people out of area. Put on appropriate personal protective equipment (see section 8). Do not touch or walk through spilled material.
<b>Environmental precautions</b>	: Avoid contact of spilled material and runoff with soil and surface waterways.	Avoid contact of spilled material and runoff with soil and surface waterways.

## 6. Accidental release measures

<p><b>Methods for cleaning up</b></p>	<p>: Follow company's spill procedures. Keep people away from spill. Put on appropriate personal protective equipment (see section 8). Absorb/neutralize liquid material. Use a tool to scoop up solid or absorbed material and put into appropriate labeled container. Use a water rinse for final clean-up.</p>	<p>Follow company's spill procedures. Keep people away from spill. Put on appropriate personal protective equipment (see section 8). Absorb/neutralize liquid material. Use a tool to scoop up solid or absorbed material and put into appropriate labeled container. Use a water rinse for final clean-up.</p>
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## 7. Handling and storage

<p><b>Handling</b></p>	<p><b>Product AS SOLD</b></p> <p>: Do not ingest. Do not get in eyes, on skin, or on clothing. Do not breathe vapor or spray. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling. Do not mix with bleach or other chlorinated products – will cause chlorine gas.</p>	<p><b>Product AT USE DILUTION</b></p> <p>Do not ingest. Do not get in eyes, on skin, or on clothing. Avoid breathing vapors, spray or mists. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling. Do not mix with bleach or other chlorinated products – will cause chlorine gas.</p>
<p><b>Storage</b></p>	<p>: Keep out of reach of children. Keep container tightly closed.</p> <p>Store between the following temperatures: -30 and 50°C</p>	<p>Keep out of reach of children. Store in a closed container. Keep container tightly closed.</p>

## 8. Exposure controls/personal protection

<p><b>Engineering measures</b></p>	<p><b>Product AS SOLD</b></p> <p>: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.</p>	<p><b>Product AT USE DILUTION</b></p> <p>Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.</p>
<p><b>Personal protection</b></p>		
<p><b>Eyes</b></p>	<p>: Use chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.</p>	<p>Use chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.</p>
<p><b>Hands</b></p>	<p>: Use chemical-resistant, impervious gloves.</p>	<p>Use chemical-resistant, impervious gloves.</p>
<p><b>Skin</b></p>	<p>: Use synthetic apron, other protective equipment as necessary to prevent skin contact.</p>	<p>Use synthetic apron, other protective equipment as necessary to prevent skin contact.</p>
<p><b>Respiratory</b></p>	<p>: Wear appropriate respirator when ventilation is inadequate and occupational exposure limits are exceeded.</p>	<p>Avoid breathing vapors, spray or mists.</p>

Ingredient	Exposure limits
<p>PHOSPHORIC ACID</p>	<p><b>ACGIH TLV (United States, 1/2009).</b>                      STEL: 3 mg/m<sup>3</sup> 15 minute(s).                      TWA: 1 mg/m<sup>3</sup> 8 hour(s).  <b>OSHA PEL (United States, 11/2006).</b>                      TWA: 1 mg/m<sup>3</sup> 8 hour(s).</p>

## 9. Physical and chemical properties

Product AS SOLD	
Physical state	: Liquid.
Flash point	: > 100°C Product does not support combustion.
Color	: Brown.
Odor	: Faint odor.
pH	: 0.5 to 1 [Conc. (% w/w): 100%]
Boiling/condensation point	: >100°C (>212°F)
Relative density	: 1.19 to 1.23
Solubility	: Easily soluble in the following materials: cold water and hot water.

Product AT USE DILUTION
Liquid. > 100°C
Pale color. Faint odor. 1.4 to 2.4 [Conc. (% w/w): 100%]

## 10. Stability and reactivity

### Product AS SOLD

Stability	: The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.
Reactivity	: Extremely reactive or incompatible with alkalis. Reactive with organic materials, metals. Do not mix with bleach or other chlorinated products – will cause chlorine gas.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hazardous polymerization	: Under normal conditions of storage and use, hazardous polymerization will not occur.

## 11. Toxicological information

### Potential acute health effects

Product AS SOLD	
Eyes	: Corrosive to eyes.
Skin	: Corrosive to the skin.
Inhalation	: Corrosive to the respiratory system.
Ingestion	: Causes burns to mouth, throat and stomach.

Product AT USE DILUTION
Corrosive to eyes. Corrosive to the skin. Irritating to respiratory system. Causes burns to mouth, throat and stomach.

### Product AS SOLD

#### Other adverse effects

Target organs	: Contains material which may cause damage to the following organs: lungs, upper respiratory tract.
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## 12. Ecological information

Ecotoxicity	: Not reported
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## 13. Disposal considerations

Product AS SOLD	
Waste disposal	: Avoid disposal. Attempt to use product completely in accordance with intended use. Disposal should be in accordance with applicable regional, national and local laws and regulations.

Product AT USE DILUTION
Avoid disposal. Attempt to use product completely in accordance with intended use. Disposal should be in accordance with applicable regional, national and local laws and regulations.

RCRA classification	: Unused product is D002 (Corrosive)
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**16. Other information**

Date of issue : 08-September-2010

Date of previous issue : 8 September 2010

Responsible name : Regulatory Affairs

1-800-352-5326

Indicates information that has changed from previously issued version.

**Notice to reader**

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, **NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.**