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)

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 Skin

: Corrosive to eyes.

: 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)

Composition/information on ingredients

Product AS SOLD

| <u>Name</u> | 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), .alphaisotridecylomegahydroxy- | 9043-30-5 | 1 - 5 |

Product AT USE DILUTION

| Name PHOSPHORIC ACID CAS number % by weig 7664-38-2 2 | 100 | | | | | ety en la | | | |
|--|------|------------|------------|------|------|-----------|------|-------------|---|
| | ıhf | % by wei | CAS number | | | | | <u>lame</u> | U |
| | 1115 | 70 57 1101 | 7664 20 2 | | | | CID | SHUGBHUBIC | ı |
| 7004-30-2 | 100 | 2 | 7004-38-2 | | | ± | יויט | TIOSFITORIC | ľ |

3. Composition/information on ingredients

4. First aid measures

Eye contact

Product AS SOLD

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.

Skin contact

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.

Inhalation

: 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.

Ingestion

: 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.

Product AT USE DILUTION

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 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.

If inhaled, remove to fresh air. Get medical attention if irritation persists.

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

Personal precautions

Product AS SOLD

: 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.

Environmental precautions

: Avoid contact of spilled material and runoff with soil and surface waterways.

Product AT USE DILUTION

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.

Avoid contact of spilled material and runoff with soil and surface waterways.

6. Accidental release measures

Methods for cleaning up : 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.

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.

7. Handling and storage

Product AS SOLD

: 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.

Storage

Handling

: Keep out of reach of children. Keep container tightly

Store between the following temperatures: -30 and

Product AT USE DILUTION

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.

Keep out of reach of children. Store in a closed container. Keep container tightly closed.

8. Exposure controls/personal protection

Product AS SOLD

Engineering measures

: 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.

Personal protection

Eyes

: Use chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.

exposure wear a race shield over the goggles.

Hands

: Use chemical-resistant, impervious gloves.

Skin

: Use synthetic apron, other protective equipment as

necessary to prevent skin contact.

Respiratory

: Wear appropriate respirator when ventilation is inadequate and occupational exposure limits are

exceeded.

Product AT USE DILUTION

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.

Use chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.

Use chemical-resistant, impervious gloves.

Use synthetic apron, other protective equipment as necessary to prevent skin contact.

Avoid breathing vapors, spray or mists.

| Ingredient | Exposure limits |
|-----------------|---|
| PHOSPHORIC ACID | ACGIH TLV (United States, 1/2009). STEL: 3 mg/m³ 15 minute(s). TWA: 1 mg/m³ 8 hour(s). OSHA PEL (United States, 11/2006). TWA: 1 mg/m³ 8 hour(s). |

FOAM-SHINE (US) 8 September 2010

Physical and chemical properties 9.

Product AS SOLD

Physical state

: Liquid.

Flash point : > 100°C

Product does not support combustion.

Color

: Brown.

Odor

: Faint odor.

pН

: 0.5 to 1 [Conc. (% w/w): 100%]

Boiling/condensation ; >100°C (>212°F)

point

Relative density: 1.19 to 1.23

Solubility

: Easily soluble in the following materials: cold water

and hot water.

Stability and reactivity 10.

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

Product AT USE DILUTION

1.4 to 2.4 [Conc. (% w/w): 100%]

Liquid.

> 100°C

Pale color. Faint odor.

not be produced.

Hazardous polymerization

: Under normal conditions of storage and use, hazardous polymerization will not occur.

Toxicological information

Potential acute health effects

Product AS SOLD

Eyes Skin

: Corrosive to eyes. : Corrosive to the skin.

Inhalation

: Corrosive to the respiratory system.

Ingestion

: 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.

Ecological information 12.

Ecotoxicity

: Not reported

Disposal considerations 13.

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.

RCRA

: Unused product is D002 (Corrosive)

classification

Product AT USE DILUTION

Product AT USE DILUTION

Irritating to respiratory system.

Causes burns to mouth, throat and stomach.

Corrosive to eyes. Corrosive to the skin.

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.

Transport information 14.

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

Product AS SOLD

IMO/IMDG Classification

UN number

UN1805

Proper shipping name

PHOSPHORIC ACID, SOLUTION

Class

Packing group

See shipping documents for specific transportation information.

Product AT USE DILUTION

Not intended for transport.

Regulatory information 15.

Product AS SOLD

HCS

: Corrosive material

Classification

Target organ effects

Product AS SOLD

U.S. Federal regulations

TSCA 8(b) inventory

: All components are listed or exempted.

SARA 302/304/311/312 extremely hazardous substances: No listed substance SARA 302/304 emergency planning and notification: No listed substance

SARA 313

Product name

CAS number

Product AT USE DILUTION

Corrosive material

Target organ effects

Concentration

Form R - Reporting

requirements

: No listed substance

California Prop. 65

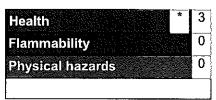
: No listed substance

Other information 16.

Product AS SOLD

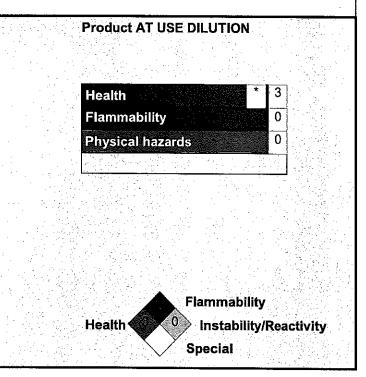
Hazardous Material

Information System (U.S.A.)



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





FOAM-SHINE (US) 8 September 2010

Other information 16.

Date of issue

: 08-September-2010

Date of previous issue

: 8 September 2010

Responsible name

: Regulatory Affairs

1-800-352-5326

THE SHAW IN 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.