# **Material Safety Data Sheet**

**EC** LAB

**KEYSTONE APEX POT & PAN DETERGENT** 

# 1. Product and company identification

Trade name of product : KEYSTONE APEX POT & PAN DETERGENT

Product use : Manual Warewashing Detergent

Product dilution information: Up to 1oz/20gals or 0.376 mL/L in water

Supplier's information : Ecolab Inc. Institutional Division

370 N. Wabasha Street St. Paul, MN 55102 1-800-352-5326

**Code** : 999174-05 **Date of issue** : **17-May-2012** 

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 : Extruded solid.
Emergency : CAUTION!

overview

MAY CAUSE EYE IRRITATION.
MAY BE HARMFUL IF SWALLOWED.

Do not ingest. Avoid contact with eyes. Wash

thoroughly after handling.

Potential acute health effects

**Product AS SOLD** 

**Eyes** : Slightly irritating to the eyes.

**Skin** : Slightly irritating to the skin.

**Inhalation**: No known significant effects or critical hazards.

**Ingestion**: May be harmful if swallowed.

Product AT USE DILUTION

Liquid. CAUTION!

No specific hazard.

No specific hazard.

**Product AT USE DILUTION** 

No known significant effects or critical

hazards.

### See toxicological information (Section 11)

# 3. Composition/information on ingredients

### **Product AS SOLD**

<u>Name</u>	CAS number	% by weight
SODIUM DODECYLBENZENESULFONATE	25155-30-0	41
poly(oxy-1,2-ethanediyl), .alphasulfoomegahydroxy-, c10-16-alkyl ethers, sodium salts	68585-34-2	5 - 20
SODIUM ACETATE	127-09-3	5 - 20
LAURAMIDE MEA	142-78-9	5 - 20
COCAMIDE MEA	68140-00-1	1 - 5
LAURYL POLYGLUCOSE	110615-47-9	1 - 5
SODIUM SILICATE	1344-09-8	1 - 5

#### Composition/information on ingredients 3.

### Product AT USE DILUTION

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting, in accordance with local regulations.

#### 4. First aid measures

**Product AS SOLD** 

Eye contact : Rinse with water for a few minutes.

Skin contact : Rinse with water for a few minutes.

Inhalation : No special measures required. Treat symptomatically.

Ingestion Rinse mouth; then drink one or two large glasses of

water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical

attention immediately.

### **Product AT USE DILUTION**

No known effect after eye contact. Rinse with water for a few minutes.

No known effect after skin contact. Rinse with

water for a few minutes.

No special measures required. Treat

symptomatically.

Get medical attention if symptoms occur.

#### 5. Fire-fighting measures

**Product AS SOLD** 

Hazardous thermal decomposition products : Decomposition products may include the following materials:

carbon dioxide carbon monoxide nitrogen oxides sulfur 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. No specific fire or explosion hazard.

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

**Product AS SOLD** 

Personal precautions **Environmental** 

precautions

cleaning up

: Use personal protective equipment as required.

: Avoid contact of large amounts of spilled material and

runoff with soil and surface waterways.

Methods for : Use a water rinse for final clean-up. **Product AT USE DILUTION** 

Use personal protective equipment as required.

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

Use a water rinse for final clean-up.

#### 7. Handling and storage

**Product AS SOLD** 

: Do not ingest. Avoid contact with eyes. Wash Handling thoroughly after handling.

: Keep out of reach of children. Store in a closed Storage container.

Do not store above the following temperature: 50°C

### **Product AT USE DILUTION**

Wash thoroughly after handling.

Keep out of reach of children.

# 8. Exposure controls/personal protection

**Product AS SOLD** 

Engineering measures

: Good general ventilation should be sufficient to control

worker exposure to airborne contaminants.

**Personal protection** 

**Eyes** : No protective equipment is needed under normal use

conditions.

**Hands** : No protective equipment is needed under normal use

conditions.

**Skin**: No protective equipment is needed under normal use

conditions.

**Respiratory**: No special protection is required.

Consult local authorities for acceptable exposure limits.

### **Product AT USE DILUTION**

Good general ventilation should be sufficient to control worker exposure to airborne

contaminants.

Liauid.

citrus

> 100°C

Purple [Light]

No protective equipment is needed under normal use conditions.

No protective equipment is needed under

normal use conditions.

No protective equipment is needed under

normal use conditions.

No special protection is required.

Product AT USE DILUTION

# 9. Physical and chemical properties

**Product AS SOLD** 

**Physical state**: Extruded solid.

Flash point : > 100°C

Product does not support combustion.

Color : Purple [Light]

Odor : citrus

**pH** : 7.5 to 8.5 [Conc. (% w/w): 1%]

Relative density: 1.15 to 1.37

**Solubility** : Soluble in the following materials: cold water and hot

water.

# 10. Stability and reactivity

**Product AS SOLD** 

**Stability** 

: The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.

**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** : Slightly irritating to the eyes.

**Skin** : Slightly irritating to the skin.

**Inhalation**: No known significant effects or critical hazards.

**Ingestion**: May be harmful if swallowed.

### **Product AT USE DILUTION**

No known significant effects or critical

hazards.

# Product AS SOLD Other adverse effects

**Target organs** : Contains material which may cause damage to the following organs: upper respiratory tract.

3/5

# **Ecological information**

**Ecotoxicity** : Not reported

#### **13**. Disposal considerations

**Product AS SOLD** 

Waste disposal : Diluted product can be flushed to sanitary sewer.

Discard empty container in trash.

### **Product AT USE DILUTION**

**Product AT USE DILUTION** 

Not regulated.

Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

#### 14. Transport information

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** 

**DOT Classification** Not regulated.

For transport in bulk or using IMDG regulations, see shipping documents for specific transportation information.

**Product AT USE DILUTION** 

Not intended for transport.

#### Regulatory information 15.

**Product AS SOLD** 

**HCS** : Target organ effects

Classification **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

**Product name** CAS number **Concentration SARA 313** 

Form R - Reporting

requirements

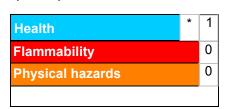
: No listed substance

California Prop. 65 : No listed substance

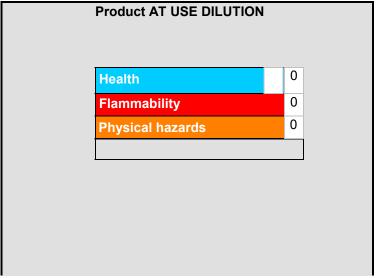
#### Other information 16.

### **Product AS SOLD**

**Hazardous Material** Information System (U.S.A.)



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



## 16. Other information

Health 1 0 Instability/Reactivity
Special

Health 0 0 Instability/Reactivity
Special

Date of issue : 17-May-2012
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.