# **Material Safety Data Sheet**

KEYSTONE WASH N WALK FLOOR CLEANER

#### 1. Product and company identification

Trade name of product : KEYSTONE WASH N WALK FLOOR CLEANER

**Product use** : Floor Cleaner

Product dilution information: Up to 2 oz/gal or 16 mL/L in water

Supplier's information : Ecolab Inc. Institutional Division

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

Code : 910179-05 Date of issue : 18-June-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** : Liquid. : CAUTION! **Emergency** 

overview

MAY CAUSE EYE IRRITATION.

Avoid contact with eyes. Wash thoroughly after

handling.

Potential acute health effects

**Product AS SOLD** 

: Moderately irritating to eyes. Eyes

Skin : No known significant effects or critical hazards.

: Slightly irritating to the respiratory system. Inhalation

Ingestion : No known significant effects or critical hazards. **Product AT USE DILUTION** 

Liquid. CAUTION!

No specific hazard. No specific hazard.

# **Product AT USE DILUTION**

No known significant effects or critical hazards.

No known significant effects or critical

hazards.

No known significant effects or critical

hazards.

No known significant effects or critical

hazards.

See toxicological information (Section 11)

# Composition/information on ingredients

### **Product AS SOLD**

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
SODIUM XYLENE SULFONATE	1300-72-7	5 - 20
GLYCERIN	56-81-5	1 - 5
BORIC ACID	10043-35-3	1 - 5
alcohols, c12-16, ethoxylated	68551-12-2	1 - 5
TETRASODIUM EDTA	64-02-8	1 - 5
COCAMINE OXIDE	61788-90-7	1 - 5
lipase, triacylglycerol	9001-62-1	<1.0

### **Product AT USE DILUTION**

#### Composition/information on ingredients 3.

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 : In case of contact, immediately flush eyes with plenty

of water. Remove contact lenses and flush again. Get

medical attention if irritation persists.

Skin contact : No known effect after skin contact. Rinse with water

for a few minutes.

Inhalation : No special measures required. Treat symptomatically.

: Get medical attention if symptoms occur. Ingestion

#### Product AT USE DILUTION

No known effect after eve 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.

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

required.

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

#### 6. Accidental release measures

**Product AS SOLD** 

Personal precautions **Environmental** 

precautions

: Use personal protective equipment as required.

runoff with soil and surface waterways.

: Avoid contact of large amounts of spilled material and

Avoid contact of large amounts of spilled

**Product AT USE DILUTION** 

material and runoff with soil and surface waterways.

Use personal protective equipment as

Methods for cleaning up

: Use a water rinse for final clean-up.

Use a water rinse for final clean-up.

# Handling and storage

**Product AS SOLD** 

: Avoid contact with eyes. Wash thoroughly after Handling

handling. Do not mix with bleach or other chlorinated products - will cause chlorine gas.

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

container.

Do not store above the following temperature: 35°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

**Eves** : Eye protection should be used when splashing may

occur.

Hands : No protective equipment is needed under normal use

Skin : No protective equipment is needed under normal use

conditions.

Respiratory : No special protection is required. **Product AT USE DILUTION** 

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

contaminants.

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

Liquid.

> 100°C

8 to 9.8

fluorescent [Light]

Fragrance-like

Ingredient	Exposure limits
GLYCERIN	OSHA PEL (United States, 6/2010).  TWA: 5 mg/m³ 8 hour(s). Form: Respirable fraction  TWA: 15 mg/m³ 8 hour(s). Form: Total dust  ACGIH TLV (United States, 2/2010).  TWA: 10 mg/m³ 8 hour(s).
BORIC ACID	ACGIH TLV (United States, 2/2010). STEL: 6 mg/m³ 15 minute(s). Form: Inhalable fraction TWA: 2 mg/m³ 8 hour(s). Form: Inhalable fraction

#### 9. Physical and chemical properties

**Product AS SOLD** 

Physical state : Liquid. : > 100°C Flash point

Product does not support combustion.

Color

Odor : Fragrance-like

: 6.2 to 9.4 [Conc. (% w/w): 100%] pН

Boiling/condensation :  $>100^{\circ}C (>212^{\circ}F)$ 

point

Relative density: 1.071

**Dispersibility** 

: Easily dispersible in the following materials: cold water

properties and hot water.

Solubility : Easily 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.

Do not mix with bleach or other chlorinated products - will cause chlorine gas. Reactivity

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.

#### **Toxicological information** 11.

# Potential acute health effects

**Product AS SOLD** 

: Moderately irritating to eyes. Eyes

Skin No known significant effects or critical hazards.

Inhalation : Slightly irritating to the respiratory system.

: No known significant effects or critical hazards. Ingestion

**Product AS SOLD** 

Potential chronic health effects

Reproductive toxicity Other adverse effects

: Contains material which may cause reproductive effects based on animal data.

**Target organs** : Contains material which may cause damage to the following organs: kidneys, the

nervous system, gastrointestinal tract, upper respiratory tract.

# **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** 

hazards.

hazards.

hazards.

hazards.

No known significant effects or critical

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

#### **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** 

DOT

**DOT Classification** Not regulated.

**IMO/IMDG** 

IMO/IMDG Classification Not regulated.

For transport in bulk, see shipping documents for specific transportation information.

**Product AT USE DILUTION** 

Not intended for transport.

#### Regulatory information 15.

**Product AS SOLD** 

**HCS** : Irritating 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

# **Product AT USE DILUTION**

Not regulated.

# 15. Regulatory information

SARA 313 Product name CAS number Concentration

Form R - Reporting requirements

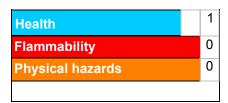
: No listed substance

<u>California Prop. 65</u>: No listed substance

# 16. Other information

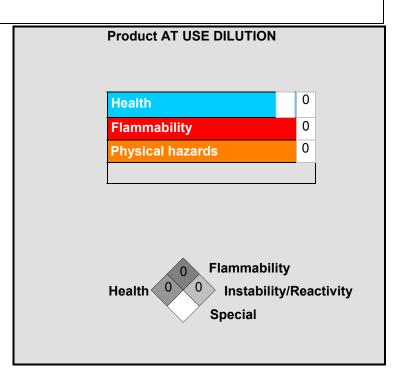
## **Product AS SOLD**

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



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





Date of issue : 18-June-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.