# **Material Safety Data Sheet**

**EC** LAB

**SOLID STAINAWAY** 

# 1. Product and company identification

Trade name of product : SOLID STAINAWAY Product use : Laundry product

Product dilution information : Up to 36 g/50 gal of water

Supplier's information : Ecolab Inc. Institutional Division

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

**Code** : 982546-01

Date of issue : 04-August-2011

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 : Cast Solid Emergency : DANGER!

overview

CAUSES DIGESTIVE TRACT BURNS.

CAUSES SEVERE EYE AND SKIN IRRITATION. Untreated contact may cause severe irritation or

chemical burns.

OXIDIZER. CONTACT WITH OTHER MATERIAL

MAY CAUSE FIRE.

Do not ingest. Do not get in eyes, on skin or on clothing. Avoid contact with combustible materials. Avoid contact with ignition and heat sources. Keep away from direct sunlight. Decomposes on heating.

Wash thoroughly after handling.

Potential acute health effects

**Product AS SOLD** 

**Eyes** : Corrosive to eyes.

**Skin**: Irritating to skin.

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

**Ingestion**: Causes burns to mouth, throat and stomach.

**Product AT USE DILUTION** 

Liquid. CAUTION!

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)

# 3. Composition/information on ingredients

**Product AS SOLD** 

Name CAS number % by weight

troclosene sodium, dihydrate 51580-86-0 >50

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#### 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 : 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. Remove contaminated clothing and shoes. Get medical attention if irritation persists. Wash clothing before reuse. Clean shoes thoroughly before

reuse.

: No special measures required. Treat symptomatically. No special measures required. Treat Inhalation

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** 

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.

symptomatically.

Get medical attention if symptoms occur.

#### Fire-fighting measures 5.

**Product AS SOLD** 

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

carbon dioxide carbon monoxide nitrogen oxides

halogenated compounds

metal oxide/oxides

Fire-fighting media and instructions

: Use an extinguishing agent suitable for the surrounding fire.

Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. Dike area of fire to prevent runoff.

Contact with combustible material may cause fire. This material increases the risk of

fire and may aid combustion. 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.

#### Accidental release measures 6.

## **Product AS SOLD**

Personal precautions : Use personal protective equipment as required.

: Avoid contact of spilled material and runoff with soil Environmental precautions

and surface waterways.

**Methods for** cleaning up

: If emergency personnel are not present, contain and collect small spillages with non-combustible absorbent

material, e.g. sand, earth or other suitable material and place in a suitable container for disposal. 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.

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#### 7. Handling and storage

**Product AS SOLD** 

Handling : Do not ingest. Do not get in eyes. Avoid contact with skin and clothing. Wash thoroughly after handling.

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

container. Keep container tightly closed.

Do not store above the following temperature: 50°C

### **Product AT USE DILUTION**

Wash thoroughly after handling.

Keep out of reach of children.

**Product AT USE DILUTION** 

#### 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

protective equipment is needed under normal use

Hands : Due to the form and packaging of the product, no

protective equipment is needed under normal use

conditions.

Skin : Use synthetic apron, other protective equipment as

necessary to prevent skin contact.

Respiratory : No special protection is required.

: Due to the form and packaging of the product, no No protective equipment is needed under

normal use conditions.

contaminants.

No protective equipment is needed under

Good general ventilation should be sufficient

to control worker exposure to airborne

normal use conditions.

No protective equipment is needed under

normal use conditions.

No special protection is required.

Product AT USE DILUTION

Liquid.

> 100°C

Colorless

5.3 to 7.3

chlorine

Consult local authorities for acceptable exposure limits.

#### 9. Physical and chemical properties

**Product AS SOLD** 

Physical state : Cast Solid : > 100°C Flash point

Product does not support combustion.

Color : White Odor : chlorine

: 6.25 [Conc. (% w/w): 1%] Ha

point

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

**Dispersibility** properties

: Dispersible in the following materials: hot water. Partially dispersible in the following materials: cold

Solubility : Soluble in the following materials: hot water.

Partially soluble in the following materials: cold 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. Decomposes on heating.

: Highly reactive with acids. Reactivity

Reactive with organic materials, metals.

Slightly reactive to reactive with alkalis, moisture.

Mixing this product with acid or ammonia releases chlorine gas. Do not allow water to enter container. Wet material may generate halogenated gas that may pressurize sealed

containers.

**Hazardous decomposition** 

products

Oxygen

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# Stability and reactivity

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

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

Potential acute health effects

Product AS SOLD

Eyes : Corrosive to eyes.

Skin : Irritating to skin.

Inhalation : No known significant effects or critical hazards.

Ingestion

: Causes burns to mouth, throat and stomach.

**Product AT USE DILUTION** 

No known significant effects or critical

hazards.

#### **Ecological information** 12.

**Ecotoxicity** : Not reported

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

**Product AS SOLD** 

: Avoid disposal. Attempt to use product completely in Waste disposal

accordance with intended use. Disposal should be in accordance with applicable regional, national and local

laws and regulations.

**RCRA** : Unused product is D001 (Ignitable)

classification

### 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** : Oxidizing material Classification Corrosive material

**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 Concentration

Form R - Reporting

requirements

: No listed substance

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# 15. Regulatory information

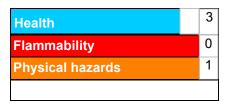
California Prop. 65

: WARNING: This product contains a chemical known to the State of California to cause cancer.

## 16. Other information

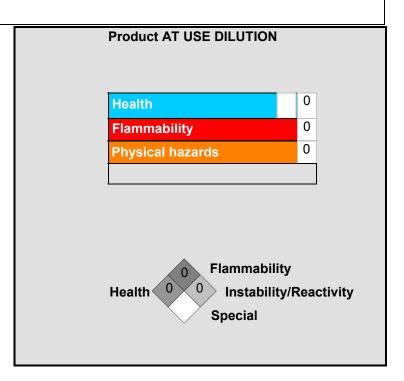
**Product AS SOLD** 

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



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





Date of issue : 04-August-2011
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.