

# Material Safety Data Sheet

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 overview** : DANGER !

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.

### Product AT USE DILUTION

Liquid.

CAUTION !

No specific hazard.

No specific hazard.

### 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.

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**  
troclosene sodium, dihydrate

**CAS number**  
51580-86-0

**% by weight**  
>50

### 3. Composition/information on ingredients

#### 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	Product AT USE DILUTION
<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.	No known effect after eye contact. Rinse with water for a few minutes.
<b>Skin contact</b>	: 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 known effect after skin contact. Rinse with water for a few minutes.
<b>Inhalation</b>	: No special measures required. Treat symptomatically.	No special measures required. Treat symptomatically.
<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.	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  
 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.

### 6. Accidental release measures

	Product AS SOLD	Product AT USE DILUTION
<b>Personal precautions</b>	: Use personal protective equipment as required.	Use personal protective equipment as required.
<b>Environmental precautions</b>	: Avoid contact of spilled material and runoff with soil and surface waterways.	Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.
<b>Methods for cleaning up</b>	: 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.	Use a water rinse for final clean-up.

## 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.

## 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** : Due to the form and packaging of the product, no protective equipment is needed under normal use conditions.

**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.

**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.

Consult local authorities for acceptable exposure limits.

## 9. Physical and chemical properties

**Product AS SOLD**

**Physical state** : Cast Solid

**Flash point** : > 100°C  
Product does not support combustion.

**Color** : White

**Odor** : chlorine

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

**Boiling/condensation point** : >100°C (>212°F)

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

**Solubility** : Soluble in the following materials: hot water.  
Partially soluble in the following materials: cold water.

**Product AT USE DILUTION**

Liquid.  
> 100°C

Colorless  
chlorine  
5.3 to 7.3

## 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.

**Reactivity** : Highly reactive with acids.  
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

## 10. Stability and reactivity

**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** : 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.

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No known significant effects or critical hazards.

## 12. Ecological information

**Ecotoxicity** : Not reported

## 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.

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

### Product AT USE DILUTION

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.

## 15. Regulatory information

**Product AS SOLD**

**HCS Classification** : Oxidizing material  
 Corrosive material

### Product AT USE DILUTION

Not regulated.

### 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

<u>SARA 313</u>	<u>Product name</u>	<u>CAS number</u>	<u>Concentration</u>
<b>Form R - Reporting requirements</b>	: No listed substance		

# 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.) :

Health	3
Flammability	0
Physical hazards	1

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



**Product AT USE DILUTION**

Health	0
Flammability	0
Physical hazards	0



Date of issue : 04-August-2011  
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 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.