

Material Safety Data Sheet

KAY SINK SANITIZER



1. Product and company identification

Trade name of product : KAY SINK SANITIZER

Product use : Sanitizer.

Product dilution information : Not applicable

Supplier's information : Kay Chemical Company
8300 Capital Drive
Greensboro NC 27409
1-800-529-5458 (Customer Service)

Code : 924729-01

Date of issue : 19-November-2012

EPA Registration No. : 5389-14

EMERGENCY HEALTH INFORMATION: 1-877-231-2615
Outside United States and Canada CALL 0-952-853-1713

2. Hazards identification

Product AS SOLD

Physical state : Powder

Emergency overview : WARNING !

CAUSES EYE AND SKIN IRRITATION.
HARMFUL IF ABSORBED THROUGH SKIN,
SWALLOWED OR INHALED.

Avoid contact with eyes, skin and clothing. Avoid breathing dust. Wash thoroughly after handling.

Potential acute health effects

Product AS SOLD

Eyes : Irritating to eyes.

Skin : Irritating to skin.

Inhalation : Slightly irritating to the respiratory system.

Ingestion : No known significant effects or critical hazards.

See toxicological information (Section 11)

Product AT USE DILUTION

Data not available - Refer to Product AS SOLD

Product AT USE DILUTION

Data not available - Refer to Product AS SOLD

3. Composition/information on ingredients

Product AS SOLD

Name

troclosene sodium, dihydrate

CAS number

51580-86-0

% by weight

23.85

Product AT USE DILUTION

Name

Data not available - Refer to Product AS SOLD

CAS number

% by weight

3. Composition/information on ingredients

4. First aid measures

| | Product AS SOLD | Product AT USE DILUTION |
|---------------------|---|---|
| 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. | Data not available - Refer to Product AS SOLD |
| 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. | |
| Inhalation | : No special measures required. Treat symptomatically. | |
| Ingestion | : 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
phosphorus oxides
halogenated compounds
metal oxide/oxides

Fire-fighting media and instructions : Use dry chemical powder.

Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. Fine dust clouds may form explosive mixtures with air.

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 |
|----------------------------------|---|---|
| Personal precautions | : No special measures required. | Data not available - Refer to Product AS SOLD |
| Environmental precautions | : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. | |
| Methods for cleaning up | : Use a water rinse for final clean-up. | |

7. Handling and storage

| | Product AS SOLD | Product AT USE DILUTION |
|-----------------|---|---|
| Handling | : Avoid contact with eyes, skin and clothing. Avoid breathing dust. Wash thoroughly after handling. | Data not available - Refer to Product AS SOLD |
| Storage | : Keep out of reach of children. Store in a closed container. Store between the following temperatures: 0 and 40°C | |

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 special protection is required. |
| Hands | : No special protection is required. |
| Skin | : No protective equipment is needed under normal use conditions. |
| Respiratory | : No special protection is required. |

Product AT USE DILUTION
Data not available - Refer to Product AS SOLD

Data not available - Refer to Product AS SOLD

| Ingredient | Exposure limits |
|------------|--|
| chlorine | ACGIH TLV (United States, 1/2009). STEL: 2.9 mg/m ³ 15 minute(s). STEL: 1 ppm 15 minute(s). TWA: 1.5 mg/m ³ 8 hour(s). TWA: 0.5 ppm 8 hour(s). OSHA PEL (United States, 11/2006). CEIL: 3 mg/m ³ CEIL: 1 ppm |

9. Physical and chemical properties

| | Product AS SOLD |
|-------------------------|--|
| Physical state | : Powder |
| Flash point | : > 100°C Product does not support combustion. |
| Color | : White |
| Odor | : chlorine [Slight] |
| pH | : 7.7 to 8.4 [Conc. (% w/w): 1%] |
| Relative density | : 1.2 |
| Solubility | : Easily soluble in the following materials: cold water and hot water. |

Product AT USE DILUTION
Data not available - Refer to Product AS SOLD

10. Stability and reactivity

| | Product AS SOLD |
|---|---|
| Stability | : The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur. |
| Conditions of instability | : Mixing this product with acid or ammonia releases chlorine gas. |
| Reactivity | : Reactive or incompatible with the following materials: moisture. Do not allow water to enter container. Wet material may generate halogenated gas that may pressurize sealed containers. Mixing this product with acid or ammonia releases chlorine gas. |
| 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 | : Irritating to eyes. |
| Skin | : Irritating to skin. |
| Inhalation | : Slightly irritating to the respiratory system. |
| Ingestion | : No known significant effects or critical hazards. |

Product AT USE DILUTION

Data not available - Refer to Product AS SOLD

12. Ecological information

Ecotoxicity : Not reported

13. Disposal considerations

Waste disposal : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Product AT USE DILUTION

Data not available - Refer to Product AS SOLD

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

DOT Classification : Not regulated.

IMO/IMDG

IMO/IMDG Classification : UN3077

IMO/IMDG Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (troclosene sodium, dihydrate). Marine pollutant

Class : 9

Packing group : III

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

15. Regulatory information

HCS Classification : Irritating material

Product AS SOLD

U.S. Federal regulations

TSCA 8(b) inventory : All components are listed or exempted.

EPA Registration No. : 5389-14

SARA 302/304/311/312 extremely hazardous substances: No listed substance

Product AT USE DILUTION

Data not available - Refer to Product AS SOLD

15. Regulatory information

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> |
|---------------------------------|-----------------------|-------------------|----------------------|
| Form R - Reporting requirements | : No listed substance | | |

California Prop. 65 : Not applicable.

16. Other information

Product AS SOLD

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

| | |
|------------------|---|
| Health | 2 |
| Flammability | 0 |
| Physical hazards | 0 |
| | |

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



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 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.