

# Material Safety Data Sheet

KAY BLOCK WHITENER



## 1. Product and company identification

Trade name of product : KAY BLOCK WHITENER

Product use : Cleaning product

Product dilution information : Not applicable

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

Code : 913181-01

Date of issue : 04-August-2010

**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 : Gel

Emergency overview : WARNING !

CAUSES EYE AND SKIN IRRITATION.

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

**Potential acute health effects**

**Product AS SOLD**

Eyes : Severely irritating to eyes.

Skin : Severely irritating to the skin.

Inhalation : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

See toxicological information (section 11)

**Product AT USE DILUTION**

Product is sold ready to use.

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Product is sold ready to use.

## 3. Composition/information on ingredients

**Product AS SOLD**

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
sodium hypochlorite	7681-52-9	4
SODIUM STEARATE	822-16-2	1 - 5
SODIUM CARBONATE	497-19-8	1 - 5

**Product AT USE DILUTION**

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
Product is sold ready to use.		

## 4. First aid measures

	<b>Product AS SOLD</b>
<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.
<b>Skin contact</b>	: In case of contact, immediately flush skin with plenty of water. Continue to rinse for at least 10 minutes. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
<b>Inhalation</b>	: No special measures required. Treat symptomatically.
<b>Ingestion</b>	: Get medical attention if symptoms occur.

**Product AT USE DILUTION**  
Product is sold ready to use.

## 5. Fire-fighting measures

### Product AS SOLD

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
halogenated compounds  
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

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

**Product AT USE DILUTION**  
Product is sold ready to use.

## 7. Handling and storage

	<b>Product AS SOLD</b>
<b>Handling</b>	: Avoid contact with eyes, skin and clothing. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.
<b>Storage</b>	: Keep out of reach of children. Store in a closed container. Store between the following temperatures: 0 and 40°C

**Product AT USE DILUTION**  
Product is sold ready to use.

## 8. Exposure controls/personal protection

	Product AS SOLD
<b>Engineering measures</b>	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
<b>Personal protection</b>	
<b>Eyes</b>	: Wear eye protection.
<b>Hands</b>	: Use chemical-resistant, impervious gloves.
<b>Skin</b>	: No protective equipment is needed under normal use conditions.
<b>Respiratory</b>	: No special protection is required.

### Product AT USE DILUTION

Product is sold ready to use.

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Ingredient	Exposure limits
SODIUM STEARATE chlorine	<b>ACGIH TLV (United States, 1/2009).</b> TWA: 10 mg/m <sup>3</sup> 8 hour(s). Form: Total particulate mass <b>ACGIH TLV (United States, 1/2009).</b> STEL: 2.9 mg/m <sup>3</sup> 15 minute(s). STEL: 1 ppm 15 minute(s). TWA: 1.5 mg/m <sup>3</sup> 8 hour(s). TWA: 0.5 ppm 8 hour(s). <b>OSHA PEL (United States, 11/2006).</b> CEIL: 3 mg/m <sup>3</sup> CEIL: 1 ppm

## 9. Physical and chemical properties

	Product AS SOLD
<b>Physical state</b>	: Gel
<b>Flash point</b>	: > 100°C Product does not support combustion.
<b>Color</b>	: Green. [Light]
<b>Odor</b>	: chlorine
<b>pH</b>	: 12.4 [Conc. (% w/w): 100%]
<b>Boiling/condensation point</b>	: >100°C (>212°F)
<b>Relative density</b>	: 0.98 to 1.04
<b>Solubility</b>	: Easily soluble in the following materials: cold water and hot water.

### Product AT USE DILUTION

Product is sold ready to use.

## 10. Stability and reactivity

### Product AS SOLD

<b>Stability</b>	: The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.
<b>Reactivity</b>	: Extremely reactive or incompatible with the following materials: acids. Reactive or incompatible with the following materials: metals. Mixing this product with acid or ammonia releases chlorine gas.
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
<b>Hazardous polymerization</b>	: Under normal conditions of storage and use, hazardous polymerization will not occur.

## 11. Toxicological information

### Potential acute health effects

**Product AS SOLD**

**Eyes** : Severely irritating to eyes.  
**Skin** : Severely irritating to the skin.  
**Inhalation** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

**Product AT USE DILUTION**  
 Product is sold ready to use.

**Product AS SOLD**

### Other adverse effects

**Target organs** : Contains material which may cause damage to the following organs: stomach.

## 12. 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 is sold ready to use.

## 14. Transport information

**Product AS SOLD**  
 See shipping documents for specific transportation information.

## 15. Regulatory information

**Product AS SOLD**

**HCS Classification** : Irritating material  
 Target organ effects

**Product AT USE DILUTION**  
 Product is sold ready to use.

**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

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

**California Prop. 65** : No listed substance

## 16. Other information

**Product AS SOLD**

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

Health	*	2
Flammability		0
Physical hazards		0

## 16. Other information

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



Date of issue : 04-August-2010  
Date of previous issue : 4 August 2010  
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.**