

Material Safety Data Sheet



KAY-5 SANITIZER/CLEANER

Section 1. Chemical product and company identification

Trade name : KAY-5 SANITIZER/CLEANER
Product use : Sanitizer.
Supplier : Kay Chemical Company
8300 Capital Drive
Greensboro NC 27409
1-800-529-5458 (Customer Service)
Code : 924736-03
Date of issue : **02-November-2009**
EPA Registration No. : 5389-15

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

Section 2. Hazards identification

Physical state : Solid. [Powder.]
Emergency overview : CAUTION!

HARMFUL IF ABSORBED THROUGH SKIN OR IF SWALLOWED.
CAUSES EYE IRRITATION.
May cause allergic skin reactions with repeated exposure.
Avoid contact with eyes. Wash thoroughly after handling.

Potential acute health effects

Eyes : Moderately irritating to eyes.
Skin : Slightly irritating to the skin.
Inhalation : Slightly irritating to the respiratory system.
Ingestion : No known significant effects or critical hazards.

See toxicological information (section 11)

Section 3. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
SODIUM CARBONATE	497-19-8	5 - 20
troclosene sodium, dihydrate	51580-86-0	6

Section 4. First aid measures

Eye contact : In case of contact, immediately flush eyes with cool running water. Remove contact lenses and continue flushing with plenty of water for 15 - 30 minutes. Get medical attention immediately.

Skin contact : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse.

Inhalation : If inhaled, remove to fresh air.

Ingestion : Rinse mouth; then drink one or two large glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire-fighting measures

- Flash point** : > 100°C
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides
sulfur oxides
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.

Section 6. Accidental release measures

- Personal precautions** : Use suitable protective equipment (section 8). Do not allow to enter drains or watercourses.
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up** : Use a tool to scoop up solid or absorbed material and place into appropriate labeled waste container. Avoid creating dusty conditions and prevent wind dispersal.

Section 7. Handling and storage

- Handling** : Avoid contact with eyes. Wash thoroughly after handling.
- Storage** : Keep out of reach of children. Keep container in a cool, well-ventilated area. Keep container tightly closed.
Store between the following temperatures: 0 and 40°C

Section 8. Exposure controls/personal protection

- 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** : A respirator is not needed under normal and intended conditions of product use.

Consult local authorities for acceptable exposure limits.

Section 9. Physical and chemical properties

- Physical state** : Solid. [Powder.]
- Color** : White.
- Odor** : Faint odor.
- pH** : 10 to 10.4 [Conc. (% w/w): 1%]
- Solubility** : Easily soluble in the following materials: cold water and hot water.

Section 10. Stability and reactivity

- Stability** : The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.
- Reactivity** : Reactive or incompatible with the following materials: moisture.
Slightly reactive or incompatible with the following materials: acids.
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.

Section 11. Toxicological information

Potential acute health effects

- Eyes** : Moderately irritating to eyes.
- Skin** : Slightly irritating to the skin.
- Inhalation** : Slightly irritating to the respiratory system.
- Ingestion** : No known significant effects or critical hazards.

Section 12. Ecological information

- Ecotoxicity data** : Not reported

Section 13. Disposal considerations

- Waste disposal** : The generation of waste should be avoided or minimized wherever possible. 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.

Consult your local or regional authorities.

Section 14. Transport information

Not regulated.

See shipping documents for specific transportation information.

Section 15. Regulatory information

HCS Classification : Irritating material

U.S. Federal regulations

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

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SARA 302/304/311/312 extremely hazardous substances: No products were found.

SARA 302/304 emergency planning and notification: No products were found.

California Prop. 65 : No products were found.

Section 16. Other information

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

Health	1
Flammability	0
Physical hazards	0

Date of issue : 02-November-2009.

Section 16. Other information

Responsible name : Regulatory Affairs
Date of previous issue : 02-November-2009.

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.