



MATERIAL SAFETY DATA SHEET
(Essentially similar to U.S. Department of Labor Form OSHA 174)

Identity: KAY-5® Sanitizer/Cleaner EPA Registration # 5389-15	Chemical Family: Chlorinating Sanitizer
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SECTION I

Manufacturer: Kay Chemical Company Address: 8300 Capital Drive Greensboro, NC 27409 USA	Emergency Medical Telephone #: (800)304-0824 or call collect 0(303)592-1709 (24 hours) Telephone # for Other Info: (800)333-4300 (USA or Canada) or (336)668-7290 Date Prepared: June 17, 2002
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SECTION II - Hazardous Ingredients/Identity Information
(Hazardous Ingredients as Defined by OSHA, 29 CFR 1910.1200)

Hazardous Components	CAS #	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Sodium dichloro-s-triazinetriene dihydrate	51580-86-0	U.I.	U.I.	
This mixture, when tested as a whole, is considered an eye and skin irritant within the meaning of OSHA Hazard Communication Standard.				

SECTION III - Physical/Chemical Characteristics

Boiling Point: N.A.	Specific Gravity (Water=1): 1.3 g/ml
Vapor Pressure (mm Hg.): N.A.	Melting Point: N.A.
Vapor Density (AIR=1): N.A.	Evaporation Rate: N.A. (Butyl Acetate=1)
Solubility in Water: Complete	
Appearance and Odor: White powder; faint chlorine odor	

SECTION IV - Fire and Explosion Hazard Data

Flash Point(TCC) N.A.	Flammable Limits % by Vol	LEL: N.A.	UEL: N.A.
Extinguishing Media: Carbon dioxide, dry chemical, or water			
Special Fire Fighting Procedures: Use NIOSH certified gas mask with canister for chlorine.			
Unusual Fire and Explosion Hazards: Decomposition products include: chlorine gas			

SECTION V - Reactivity Data

Stability	Unstable:	Conditions to Avoid: None
	Stable: X	
Incompatibility (Materials to Avoid): Ammonia, acids, and easily oxidizable materials. Hazardous Decomposition or Byprod: Chlorine and chlorinated gases.		
Hazardous Polymerization	May Occur:	Conditions to Avoid: None
	Will Not Occur: X	

(continued on reverse side)



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SECTION VI - Health Hazard Data

Primary Route(s) of Entry:	SKIN (X)	EYES (X)	INGESTION (X)	INHALATION ()
Health Hazards (Acute and Chronic):	Acute:	Can cause eye and skin irritation.		
	Chronic:	Not a known hazard.		
Signs and Symptoms of Exposure:	Eyes: Direct eye contact can cause irritation, tearing, redness and temporary blurred vision. Ingestion: Can result in nausea, diarrhea, and mucosal and gastric irritation. Skin: Prolonged skin contact can cause irritation, dryness and scaling. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.			
Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No	
Medical Conditions - Generally Aggravated by Exposure:	None known.			
Emergency and First Aid Procedures:	Eyes:	Hold eyelids open and flush with gentle stream of water for 15 minutes. Call a physician if irritation persists.		
	Skin:	Wash with plenty of soap and water. Get medical attention if irritation occurs.		
	Swallowed:	Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.		
	Inhaled:	Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.		

SECTION VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled:	Sweep up and mop area using water and dispose of as set forth below.
Waste Disposal Method:	Product is biodegradable. If permitted, flush down acceptable sewer or dispose of at landfill. Dispose of in accordance with all applicable regulations.
Precautions to be Taken in Handling and Storing:	Do not store near ammonia, acids, oxidizable substances, or source of heat. Store in a cool, dry area.
Other Precautions:	Do not mix with any other chemicals unless recommended by Kay Chemical Company.

SECTION VIII - Special Protection Information

Respiratory Protection (Specify Type): Not required with normal usage.			
Ventilation	Local Exhaust:	Not required	Special: None
	Mech.(General):	Not required	Other: None
Protective Gloves:	Not required with normal usage.		Eye Protection: Not required with normal usage.
Other Protective Clothing or Equipment:	Not required with normal usage.		

SECTION IX - State Right-To-Know Information

The specific chemical identity of this product is being withheld as a proprietary trade secret.

N.A. = Not Applicable

U.I. = Unavailable Information

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