

CONFIDENTIAL

MATERIAL SAFETY DATA SHEET

SECTION I - IDENTIFICATION

Kay Chemical Company
 Dir. Regulatory Affairs
 8300 Capital Drive
 Greensboro, North Carolina 27419
 Telephone: (919) 668-7290

Product Name: Kay-5 Sanitizer
 Chemical Family: Chlorinating Sanitizer

SECTION II - HAZARDOUS CLASSIFICATION/SUBSTANCES

Irritant: (Eyes) Sodium dichloro-s-triazinetriene dihydrate	CAS#51580-86-0	TLV (Units) U/I**
Corrosive: None		
Sensitizer: None		
Toxic: None		
Carcinogen (IARC, NTP, OSHA): None		
Other: None		

** Unavailable information

SECTION III - PHYSICAL DATA

Appearance and odor: <u>White powder, faint chlorine odor.</u>	Boiling point (°F): <u>n/a*</u>
Specific gravity: <u>0.836</u>	Evaporation rate: <u>n/a</u>
Solubility in water: <u>Complete</u>	Percent Volatile: <u>1</u>

* Not applicable

SECTION IV - HEALTH HAZARD DATA

Health hazard: Acute: Can cause eye irritation. Chronic: Not normally a hazard

Primary route(s) of entry: Skin (X) Eyes (X) Ingestion (X) Inhalation ()

Prolonged skin contact can cause irritation, dryness and scaling. Direct eye contact can cause irritation, tearing, redness and temporary blurred vision. Ingestion can result in nausea, diarrhea, mucousal and gastric irritation.

First Aid

Eye Contact: Wash with a gentle stream of water. Get medical attention

Skin Contact: Brush off excess chemical and flush skin with cold water. If irritation occurs get medical attention.

If Swallowed: Feed bread soaked in milk followed by olive oil or cooking oil. Call a physician immediately.

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SECTION V - FIRE AND EXPLOSION HAZARD DATA

Flash Point: None Extinguishing media: Flood with 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 VI - REACTIVITY DATA

Stability: stable unstable _____
Incompatibility (materials to avoid): Ammonia, acids, and easily oxidizable materials.
Hazardous decomposition products: Chlorine and chlorinated gases.
Hazardous polymerization: will not occur may occur _____

SECTION VII - SPILL OR LEAK PROCEDURES

If material is spilled or leaked: Sweep up and mop area using clean water.
Waste disposal method: Dispose of in accordance with local, state and Federal requirement

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory protection: None required.
Ventilation: None required.
Protective gloves: Normally not required.
Eye protection: Normally not required.
Other protective equipment: Normally not required.

SECTION IX - SPECIAL PRECAUTIONS

Precautions in storage and handling: Do not store near ammonia, acids, oxidizable substances or source of heat. Store in a cool dry area.
Do not mix with other chemicals unless specifically recommended by Kay Chemical Company.