

Supplied By:



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Material Safety Data Sheet

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This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Section 1: Product Identification

Product Name: SANIFLEX
Product Number: K601
Product Use: Liquid chlorinated warewash sanitizer
DOT Shipping Name: Hypochlorite Solution, 8, corrosive material, UN1791, PG III.

2 Health	Hazard Rating	H.M.I.S
0 Fire	4=Extreme	<u>Abbreviation Key:</u> N.A.-Not Applicable N.E.-Not Established N.D.-Not Determined
1 Reactivity	3=High	
Special Hazard-oxy	2=Moderate	
	1=Slight	
	0=Insignificant	

A=Goggles B=Goggles & Gloves C=Goggles, Gloves & Apron

Section 2: Hazardous Ingredient Information

Hazard Chemical Identity

	CAS No.	%	TLV	PEL	TOXIC	HAZARD
Sodium Hypochlorite	7681-52-9	5.25	Not est.		N.A.	Irritant

Section 3: Physical Data

Color: Pale Yellow
Odor: N.A.
Physical State: Liquid
Solubility in Water: Complete
Boiling Point: 212 F
Specific Gravity: 1.09

Section 4: Fire and Explosion Hazard Data

Flash Point: N.A.
Extinguishing Media: N.A.
Special Fire Fighting Procedures: Avoid fumes from spilled or exposed liquid, dilute copiously with water, ventilate and be prepared to use respiratory protection. Acid contamination will produce chlorine gas.
Unusual Fire and Explosion Hazards: Decomposes when heated to very high temperatures. Decomposition products may cause containers to rupture or explode.

Section 5: Reactivity Data

Stability: Unstable
Conditions to Avoid: High temperature exposure to light, acids, contamination with heavy metal such as nickel, cobalt, copper and iron
Incompatibility (Materials to avoid): Organics, ether, ammonia, acids, reducing agents, heavy metal contamination, nickel, cobalt, copper and iron.
Hazardous Decomposition of By-Products: Readily reducible materials or acidic solutions, acids will react with this product liberating chlorine gas which is highly toxic.

Section 6: Toxicological Properties

EFFECTS OF OVEREXPOSURE (Acute &/or Chronic):
Irritant to eyes, skin and mucous membranes.

Carcinogenic Effects: Product does not contain any materials listed as carcinogenic by ACGIH and OSHA

Section 7: Preventative & Control Measures

Respiratory Protection: None needed unless this product is exposed to decomposition condition.

Ventilation: Adequate

Skin Protection: Rubber or plastic gloves, rubber apron, if spilled wear rubber protective shoes.

Eye Protection: Wear safety glasses, splashproof chemical goggles.

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Contain, if possible, by diking. Dilute as much as possible with water. Neutralize chlorine with bisulfites, sulfites or thiosulfates. Next, neutralize to a neutral pH with dilute acid.

Waste Disposal: After proper neutralization, dispose of according to federal, state and local regulations. Ordinarily the neutralized substance can be flushed to drain.

Section 8: Emergency First Aid Procedures

First Aid Notes to Physician:

Eyes: Immediately flush with water for 15 minutes, see a physician immediately.

Skin: Flush with water for 15 minutes. If irritation persists, get medical attention.

Ingestion: Drink water or milk. Get immediate medical attention. Do NOT induce vomiting. Do not use baking soda or acidic antidotes. Do not give anything by mouth to unconscious or convulsing victim.

Inhalation: Remove person to fresh air.

Section 9: Special Precautions

Precautions to be taken in handling and storing: Store in vented, closed container in a dry location away from direct sunlight and not adjacent to chemicals which may react with this product if spillage should occur.

Other Precautions: Do not mix or contaminate with ammonia hydrocarbons, acids, alcohol or ether. Safety showers and eyewash stations should be available in storage and handling areas.

Section 10: Preparation Information

Prepared By: Regulatory Affairs Department

Phone: 812-336-4817

Date of Preparation: July, 2004

The above information is believed to be accurate with respect to the formula used to manufacture this product. As data, standards and regulations change and conditions of use and handling are beyond our control. **NO WARRANTY** expressed or implied is made as to the completeness of continuing of this information.



Saniflex

Technical Data Sheet



*Liquid
chlorinating
Sanitizer*

*Sanitizes
At
Low
Temperature*

*Leaves
NO
Residual
Odor Or
Taste*

Product Description

Saniflex is a liquid chlorinated sanitizer for use in low temperature dishmachines. Previously cleaned dishware, glassware and silverware are sanitized with a final rinse containing a minimum of 50 ppm available chlorine. **Saniflex** is free-rinsing and leaves no residual films on dishes and glassware.

Use Directions

Saniflex is dispensed directly from the shipping container. Your LabTek representative will adjust the dispensing unit to provide adequate available chlorine concentration for proper sanitization.

Areas of Use

Designed for use in low temperature dishmachine or third tank sinks

Safety Precautions

Caution! Harmful if swallowed. Irritating to eyes and mucous membranes. Keep out of the reach of children. Read label and MSDS for complete list of hazards and safety precautions.

Shipping Classification

Hypochlorite Solution, 8, corrosive material, UN1791, PG III

Packaging

5 gallon pail

Properties

FORM:	Yellow liquid with chlorine odor
pH (1% SOLUTION):	11.4
SPECIFIC GRAVITY:	1.090
RINSABILITY:	Excellent
PRIMARY HAZARD	Irritant to eyes, skin and mucous membranes.
COMPOSITION:	Minimum 5.25%