



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

Identity: <p style="text-align: center;"><b>SUPRA™ Machine Warewash Detergent</b></p>	Chemical Family: <p style="text-align: center;"><b>Alkaline Detergent</b></p>
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**SECTION I**

Manufacturer: Kay Chemical Company Address: 8300 Capital Drive Greensboro, NC 27409 USA	<b>Emergency Medical Telephone #:</b> (800)304-0824 or call collect 0(303)592-1709 (24 hours) <b>Telephone # for Other Info:</b> (800)333-4300 (USA or Canada) or (336)668-7290 <b>Date Prepared:</b> February 2, 2000
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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
Potassium pyrophosphate	7320-34-5	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: >220° Vapor Pressure (mm Hg.): N.A. Vapor Density (AIR=1): N.A. Solubility in Water: Soluble Appearance and Odor: Thin, yellow liquid; mild straw odor	Specific Gravity (Water=1): 1.43 Melting Point: N.A. Evaporation Rate: U.I. (Butyl Acetate=1)
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**SECTION IV - Fire and Explosion Hazard Data**

Flash Point(TCC) >300°	Flammable Limits % by Vol	LEL: N.A.	UEL: N.A.
Extinguishing Media: Carbon dioxide, dry chemical, or water Special Fire Fighting Procedures: None Unusual Fire and Explosion Hazards: Decomposition products include: oxides of carbon			

**SECTION V - Reactivity Data**

Stability	Unstable:	Conditions to Avoid: None
	Stable: X	
Incompatibility (Materials to Avoid): None Hazardous Decomposition or Byprod: None		
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 ( )	EYES ( X )	INGESTION ( )	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 contact can cause irritation, tearing, redness, and temporary blurred vision. Ingestion: Can result in nausea, diarrhea, mucosal and gastric irritation. Skin: Prolonged skin contact can cause irritation, dryness, and scaling.			
Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No	
Medical Conditions - Generally Aggravated by Exposure:	None known.			
Emergency and First Aid Procedures:	Eyes:	In case of contact, immediately flush eyes with plenty of water. Contact a physician if irritation persists.		
	Skin:	In case of contact, rinse with water. Contact a physician if irritation occurs.		
	If Swallowed:	Drink large quantities of water. Do not induce vomiting. Contact a physician.		

**SECTION VII - Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled:	Use absorbent, then mop with 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:	No unusual precautions necessary.
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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