

8562

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

Identity: <b>MARVEL™ 3-in-1 Cleaner</b>	Chemical Family: <b>Alkaline Detergent</b>
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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 (910)668-7290 <b>Date Prepared:</b> May 8, 1996
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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
Tripotassium phosphate	7778-53-2	U.I.	U.I.	N.A.
Tetrasodium EDTA	64-02-8	U.I.	U.I.	N.A.

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:	> 212 °F	Specific Gravity (Water = 1):	1.146
Vapor Pressure (mm Hg.):	N.A.	Melting Point:	N.A.
Vapor Density (AIR = 1):	> 1	Evaporation Rate:	U.I.
Solubility in Water:	Soluble	(Butyl Acetate = 1)	
Appearance and Odor:	Clear, red liquid, citrus odor		

**SECTION IV - Fire and Explosion Hazard Data**

Flash Point(TCC)	> 300 °F	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, Nitrogen			

**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)

Identity: **MARVEL™ 3-in-1 Cleaner**

**SECTION VI - Health Hazard Data**

Primary Route(s) of Entry:	SKIN ( X )	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 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: Rinse with water. Contact a physician if irritation occurs. If Swallowed: Drink large quantities of water. 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 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

(marvel.118/kayline)