

# Material Safety Data Sheet

May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

# U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory-Form)

Form Approved

OMB No. 1218-0072

<b>IDENTITY (As Used on Label and List)</b> MACHINE DISH WASH #503	<i>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</i>
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<b>Section I – Identity</b>		NA = Not Applicable NIA = No Information Available			
Manufacturer's Name FORTECH PRODUCTS BY FORMULA CORPORATION	Emergency Telephone Number 1-800-5635 EXT. 059				
Address (Number, Street, City, State, and ZIP Code) 7901 2 <sup>ND</sup> AVE. S., SEATTLE, WA 98108	Telephone Number For Information				
	Date Prepared				
<b>Chemical Family</b> LIQUID DISHWASHER DETEREGENT	Signature of Preparer (optional)				

<b>Section II – Hazardous Ingredients</b>					
Chemical Identity; Common Name(s)	CAS #	OSHA PEL	ACGIH TLV	Other Limits	%(optional)
SODIUM HYDROXIDE	1310-73-2				20
POTASSIUM HYDROXIDE	1310-58-3				4.5
SODIUM SILICATE	1344-09-8				4

<b>Section III – Physical Data</b>			
Boiling Point	212 F	Specific Gravity (H <sub>2</sub> O=1)	1.32
Vapor Pressure (mm Hg.)	NA	Melting Point	
Vapor Density (AIR=1)	>AIR	Evaporation Rate (Butyl Acetate = 1)	SLOWER
pH ,1%	13.0	% Volatile	NA
Solubility In Water COMPLETELY MISCIBLE			
Appearance and Odor LIQUID, NON-VISCOUS, FAINT SWEET ODOR			

<b>Section IV – Fire and Explosion Hazard Data</b>			
Flash Point (Method Used) NONE	Flammable Limits	LEL NA	UEL NA
Extinguishing Media NONE FLAMMABLE			
Special Fire Fighting Procedures WEAR FULL PROTECTIVE CLOTHING			
Unusual Fire and Explosion Hazards NA			

**Section V – Physical Hazards / Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	X	

**Incompatibility (Materials to Avoid)**

ACIDS, COMBUSTABLE MATERIALS, SOME METALS, STRONG OXIDIZERS, MAY ORGANIC CHEMICALS AND ACIDS.

**Hazardous Decomposition or Byproducts**

NONE

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

**Section VI – Health Hazard Data**

Routes(s) of Entry:	Inhalation?	Skin?	Ingestion?
			X

**Health Hazards (Acute and Chronic)**

NA

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	NO	NO	NO

**Signs and Symptoms of Exposure**

INHALATION, VAPORS AND MISTS ARE EXTREMELY CORROSIVE TO NOSE, THROAT AND MUCOUS MEMBRANES, EYES, AND SKIN. MAY IRRITATE SKIN, AND WILL DAMAGE EYES. INGESTIONS MAY CAUSE SEVERE ABDOMINAL PAIN, NAUSEA, VOMITING AND COLLAPSE. LARGE QUANTITIES MAY RESULT IN DEATH.

**Medical Conditions Generally Aggravated by Exposure**

PERSONS WITH PRE-EXISTING DERMATITIS.

**Section VII – First Aid Measures****1. Inhalation**

GET TO FRESH AIR, CALL A PHYSICIAN

**2. Eyes**

IMMEDIATELY FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

**3. Skin**

IMMEDIATELY FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES, CONTINUE UNTIL NOT SLIPPERY.

**4. Ingestion**

DO NOT INDUCE VOMITING. IF VOMITING OCCURS, KEEP VICTIMS HEAD BELOW THEIR HIPS TO PREVENTING THEIR BREATHING VOMITUS INTO THEIR LUNGS. DRINK 1-2 GLASSES OF MILK TO DILUTE

**Section VIII – Preventative Measures****Respiratory Protection (Specify Type)**

NORMALLY NOT REQUIRED

Ventilation	Local Exhaust ADEQUATE	Special NONE
	Mechanical (General) NONE	Other NONE

Protective Gloves RUBBER OR POLYETHYLENE	Eye Protection SPLASH PROOF GOGGLES
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**Other Protective Clothing or Equipment**

NA

**Work/Hygienic Practices**

NA

**Section IX – Special Precautions / Spill Leak Procedures****Steps to Be Taken in Case Material is Released or Spilled**

SMALL SPILLS: MOP OR WIPE UP AND CONTAIN. LARGE SPILLS: CONTAIN BY DIKING WITH ABSORBANT MATERIAL AND CONTAIN. RINSE WITH WATER INTO SANITARY SEWER SYSTEM.

**Waste Disposal Method**

ACCORDING TO LOCAL, STATE, AND FEDERAL REGULATIONS.

**Precautions to Be Taken in Handling and Storing**

KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

**Other Precautions**

DO NOT MIX CHEMICALS. THIS CHEMICAL IS A CLASS 8 CORROSIVE ACCORDING TO DOT REGULATIONS.

**Section X – Other Information**

