

# Zagers

BRAND

## Z 520

### ALL PURPOSE DETERGENT

Floors  
Walls  
Concrete  
Engines  
Tools  
Machinery  
Desks  
Refrigerators



Tables  
Painted Surfaces  
Plastic  
Vinyl  
Porcelain  
Chrome

#### Product Description

A modern combination of synthetic detergents for multi-purpose cleaning of any surface not harmed by water. Safely and thoroughly performs all cleaning applications including removal of heavy grease and soil. Works equally well in hard or soft, hot or cold water. Leaves surface sparkling clean with no residual film.

This product meets the maximum content requirements for Volatile Organic Compounds (VOCs) as established by State and Federal regulations.

#### Test:

#### Limit:

<b>Active Ingredients:</b>	14.0 ± 0.5%
<b>Color:</b>	Blue
<b>Odor:</b>	Lemon
<b>pH(concentrate):</b>	10.5 - 11.0
<b>Viscosity:</b>	Water thin
<b>Foam:</b>	Moderate
<b>Abrasives:</b>	None
<b>Phosphate Content:</b>	None
<b>Solubility:</b>	Complete with water
<b>Emulsification:</b>	Excellent
<b>Detergency:</b>	Excellent
<b>Rinsability:</b>	Complete with water
<b>Flash Point:</b>	None (waterbased)
<b>Biodegradability:</b>	Completely
<b>Storage/Stability:</b>	2 years
<b>Weight Per Gallon:</b>	8.85 lbs. per gallon
<b>Freeze / Thaw Stability:</b>	Keep from freezing

#### Directions For Use

For every cleaning job from floor to ceiling including floors, walls, woodwork, cabinets, leatherette upholstery, light fixtures, venetian blinds, desks, office equipment, etc.

**LIGHT DUTY CLEANING:** Use 1 oz. per each gallon of water.

**MEDIUM DUTY CLEANING:** Use 2 oz. per each gallon of water.

**HEAVY DUTY CLEANING:** Use 4 oz. per each gallon of water.

**SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION**

<b>Product Name:</b> Z 520 <b>Generic Name:</b> All Purpose Detergent <b>Chemical Family:</b> Detergent Blend <b>Formula:</b> Proprietary	<b>Supplier's Name:</b> Zagers Brand, Inc.  <b>Supplier's Address:</b> 4320 Gandy Blvd, Tampa, FL 33611  <b>Supplier's Phone #:</b> (800) 999-6059
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**SECTION 2-INGREDIENT INFORMATION**

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Tetrasodium EDTA	64-02-8	5 to 10			
Nonionic Surfactant	9016-45-9	0 to 5			
Isopropyl Alcohol	67-63-0	0 to 5	400 ppm	400 ppm	500 ppm
Perfume Oil	N/A	0 to 5			
Dye	N/A	0 to 5			

**SECTION 3-PHYSICAL DATA**

**Boiling Point (°F):** 210 F.  
**Vapor Pressure:** 20mm Hg @ 68 F.  
**% Volatile:** 85+  
**Solubility in Water:** Complete  
**Physical Description:** Thin blue liquid with pleasant odor.

**Specific Gravity:** 1.06  
**Vapor Density (Air=1):** >1  
**pH:** 10.5-11.0  
**Evaporation Rate (Water=1):** <1

**SECTION 4-FIRE AND EXPLOSION HAZARD DATA**

**Flash Point (Method Used):** N/A  
**Upper Explosion Limit:** N/A  
**Extinguishing Media:** N/A  
**Special Firefighting Procedures:** Non Flammable  
**Unusual Fire and Explosion Hazards:** N/A

**Lower Explosion Limit:** N/A

**SECTION 5-REACTIVITY DATA**

**Stability:** Stable  
**Hazards Decomposition Products:** Will not occur.

**Hazardous Polymerization:** None  
**Incompatibility (Materials to Avoid):** Strong acids and oxidizers.

**SECTION 6-STORAGE AND HANDLING INFORMATION**

Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Avoid breathing of mists. Use in well-ventilated area.

**SECTION 7-HEALTH HAZARDS AND FIRST AID**

**Effects of Overexposure:**  
**Skin:** Prolonged or repeated contact may cause dermatitis.  
**Eyes:** Eye irritant. May cause redness or swelling.  
**Inhalation:** Breathing of mists may cause irritation to nose, throat, and lungs.  
**Ingestion:** May be irritating to the mouth, throat, and gastrointestinal system.  
 Vomiting and diarrhea expected with large doses.  
**First Aid Procedures:**  
**Skin:** Flush with water. Seek medical attention if irritation persists.  
**Eyes:** Flush with large quantities of water, holding eyelids open. Seek medical attention.  
**Inhalation:** Remove to fresh air. Seek medical attention if symptoms persist.  
**Ingestion:** Dilute with 2 glasses of water. Seek medical attention immediately.

**SECTION 8-SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** No special requirements.  
**Ventilation Requirements:** Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.  
**Protective Gloves:** Chemical resistant rubber or neoprene.  
**Eye Protection:** Chemical splash goggles or full face shield when handling.  
**Other Protective Equipment:** Eyewash station should be provided nearby.

**SECTION 9-SPILL OR LEAK PROCEDURES**

**Steps to be taken in Case Material is Released or Spilled:** Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.  
**Waste Disposal Method:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not disposal of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

**SECTION 10-REGULATORY INFORMATION**

**SARA Title III - Section 311/312 -Hazard Categories:**  
 No - Fire Hazard  
 No - Sudden Release of Pressure Hazard  
 No - Reactivity Hazard  
 Yes - Immediate (acute) Health Hazard  
 No - Delayed (chronic) Health Hazard

**Shipping Information:**  
 FOR CONTAINERS > 1 Gallon : Cleaning Compound  
  
 FOR 1 GALLON CONTAINERS : Cleaning Compound  
  
 FOR CONTAINERS < 1 GALLON : Cleaning Compound

**HMIS Hazardous Materials Identification System**

Health	2
Flammability	0
Reactivity	0
Personal Protection	B

**FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION:** CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
	None	

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

**SECTION 11-OTHER INFORMATION**

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product