

Spartan Chemical Company, Inc., 1110 Spartan Drive, Maumee, OH 43537  
Toll Free: 1-800-537-8990, Fax: 419-536-8423, Fax-On-Demand: 888-383-4666  
E-Mail: spartan@spartanchemical.com, Web Site: www.spartanchemical.com  
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**SOY/Strong™**

# WATERLESS HAND CLEANER

## PRODUCT DESCRIPTION

SoyStrong Waterless Hand Cleaner is formulated with a soybean solvent base to remove heavy-duty soils safely and easily. To enhance deep cleaning performance, SoyStrong Waterless also contains a blend of surfactants to emulsify the soil. This hand cleaner has a cold-cream consistency, an opaque white color and a fresh, clean smelling, herbal fragrance.

## NATURAL SOLVENCY

Spartan's new Waterless Hand Cleaner contains a cosmetic grade soybean oil solvent, also known as, methyl soyate. This solvent is considered a cosmetic grade because all impurities were removed, making it a clean, pleasant to use solvent. Spartan incorporated this cleaner solvent into SoyStrong Waterless to lessen the solvent odor, make a safer hand cleaner and reduce harmful emissions.

## PLEASANT TO USE

SoyStrong Waterless Hand Cleaner can be used with or without water and will not dry out the skin or leave an unpleasant solvent smell on the hands. The new formula contains Aloe Vera to help condition the skin, even after multiple washings. The cosmetic grade soybean oil solvent will not strip oils from the skin, preventing dryness and cracking. The fragrance of new Waterless Hand Cleaner leaves a slight "just cleaned" smell on the hands.

## VOC COMPLIANT

By incorporating new Soybean oil technology, Spartan has created a waterless hand cleaner that is low in VOC's or Volatile Organic Compounds. SoyStrong Waterless Hand Cleaner has a low VOC profile and complies with strict, new VOC restrictions.

**EFFECTIVE AGAINST STUBBORN SOILS**

With a powerful solvent base and a supporting blend of surfactants SoyStrong Waterless can effectively remove:

- Grime
- Grease
- Carbon
- Asphalt
- Graphite
- Tar
- Flux
- Oil
- Cements
- Most Inks
- Adhesives

**DIRECTIONS FOR USE**

Some individuals may be sensitive to ingredients in this product. Before use, read product label and Material Safety Data Sheet. If questions remain, consult your employer or a physician.

Apply a small amount of Spartan's SoyStrong Waterless Hand Cleaner to dry hands. Rub hands together. Wipe hands with a paper towel or clean cloth or rinse with water and dry.

**DISPENSING**

SoyStrong Waterless is formulated to use with Spartan's Waterless Hand Cleaner Dispenser #9955. Made of durable plastic, the Waterless Hand Cleaner Dispenser can hold the 4½ lb. container and is light enough to be mounted on nearly any wall.

**SPECIFICATION DATA**

pH – 7-8

Specific Gravity – 0.99

Viscosity - >700,000 cps @ 72°F/20°C

Color - White

Flash Point – none

Stability

- a. Shelf @ 75°F/24°C – One year minimum
- b. Accelerated @ 120°F/49°C – 60 days minimum
- c. Freeze/Thaw – Can withstand 3 cycles

Phosphate Free

VOC Compliant

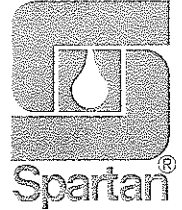
**PACKAGING**

SoyStrong Waterless Hand Cleaner is available in recyclable HDPE (high density polyethylene) 4½ lb. tubs, 6 per case. Label copy is provided in English, Spanish and French.

**GUARANTEE:**

Spartan's modern manufacturing and laboratory control insure uniform quality. If dissatisfied with performance of product, any unused portion may be returned for credit within one year of the date of manufacture. Use product as directed and read all precautionary statements.

Some materials may require special handling or application. Please refer to the appropriate Material Safety Data Sheet, literature and label.



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# SOY Strong™

## WATERLESS PLUS

### HAND CLEANER WITH PUMICE

#### PRODUCT DESCRIPTION

SoyStrong Waterless Plus is a heavy-duty waterless hand cleaner with pumice that does not require rinsing. With a powerful soybean oil solvent and a blend of surfactants, SoyStrong Waterless Plus can handle the toughest soils. With a cold-cream consistency, an opaque green color and a fresh herbal fragrance, SoyStrong Waterless Plus is pleasant to use.

#### NATURAL SOLVENCY

Spartan's new Waterless Plus contains a cosmetic grade soybean oil solvent, also known as, methyl soyate. This type of solvent is classified as a cosmetic grade due to the removal of the impurities, leaving a clean, pleasant to use solvent. Spartan incorporated this cleaner solvent into SoyStrong Waterless Plus to lessen the solvent odor, make a safer hand cleaner and reduce the harmful emissions.

#### PUMICE ACTION

With the addition of pumice, SoyStrong Waterless Plus can break through soils quickly and easily. The pumice penetrates the small crevices in hands and lifts away the ground in grime. Waterless Plus is formulated with medium grain pumice that is coarse enough to break apart stubborn soils, but gentle enough to be used on the skin.

#### PLEASANT TO USE

SoyStrong Waterless Plus can be used with or without water and will not dry out the skin or leave an unpleasant solvent smell on the hands. The new formula contains Aloe Vera to help condition the skin, even after multiple washings. The cosmetic grade soybean oil solvent will not strip the oils from the skin, preventing dryness and cracking. The fragrance of Waterless Plus leaves a slight "just cleaned" smell on the hands.

**VOC COMPLIANT**

By incorporating new Soybean oil technology, Spartan has created a waterless hand cleaner with pumice that is low in VOC's or Volatile Organic Compounds. SoyStrong Waterless Plus boasts a low VOC profile to comply with strict, new VOC restrictions.

**EFFECTIVE AGAINST STUBBORN SOILS**

With a powerful solvent base, a supporting blend of surfactants and pumice SoyStrong Waterless Plus successfully removes:

- Grime
- Grease
- Carbon
- Asphalt
- Graphite
- Tar
- Flux
- Oil
- Cements
- Most Inks
- Adhesives

**DIRECTIONS FOR USE**

Some individuals may be sensitive to ingredients in this product. Before use, read product label and Material Safety Data Sheet. If questions remain, consult your employer or a physician.

Apply a small amount of Spartan's SoyStrong Waterless Plus to dry hands. Rub hands together. Wipe hands with a paper towel or clean cloth or rinse with water and dry.

**DISPENSING**

SoyStrong Waterless Plus is formulated to use with Spartan's Waterless Hand Cleaner Dispenser #9955. Made of durable plastic, the Waterless Hand Cleaner Dispenser can hold the 4½ lb. container and is light enough to be mounted on nearly any wall.

**SPECIFICATION DATA**

pH – 7-8

Specific Gravity – 0.99

Viscosity - >700,000 cps @ 72°F/20°C

Color - Green

Flash Point – none

Stability

- a. Shelf @ 75°F/24°C – One year minimum
- b. Accelerated @ 120°F/49°C – 60 days minimum
- c. Freeze/Thaw – Can withstand 3 cycles

Phosphate Free

VOC Compliant

**PACKAGING**

SoyStrong Waterless Plus is available in recyclable HDPE (high density polyethylene) 4½ lb. tubs, 6 per case. Label copy is provided in English, Spanish and French.

**GUARANTEE:**

Spartan's modern manufacturing and laboratory control insure uniform quality. If dissatisfied with performance of product, any unused portion may be returned for credit within one year of the date of manufacture. Use product as directed and read all precautionary statements.

Some materials may require special handling or application. Please refer to the appropriate Material Safety Data Sheet, literature and label.



SECTION V: HEALTH HAZARD DATA

Threshold Limit Value: Not established	Primary Routes of Entry: Eyes; Oral
Effects of Overexposure- May cause eye irritation with symptoms of pain, redness and swelling of the conjunctiva.	
Conditions to Avoid: May be harmful if swallowed with symptoms of abdominal pain, nausea and diarrhea. Avoid contact with eyes . Do not swallow . Discontinue use if signs of skin irritation or rash appear .	
Conditions Aggravated by Use: Use of this product may aggravate preexisting skin, eye and respiratory disorders including asthma and dermatitis.	
Emergency & First Aid Procedures :	
Eyes: Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. Get medical attention.	
Skin: Rinse skin with water. Get medical attention if irritation persists.	
Ingestion: Do not induce vomiting. Get medical attention. Do not give anything by mouth to an unconscious person.	

SECTION VI: REACTIVITY DATA

Stability: Stable	Incompatible Materials: Strong oxidizing agents
Hazardous Decomposition Products: CO, CO <sub>2</sub>	Hazardous Polymerization: Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled: Small spills of one gallon or less may be flushed with plenty of water to sanitary sewer system (if permitted by local sewer regulations). Dike and contain large spills with inert material and transfer liquid to containers for disposal. Keep spill out of storm sewers and waterways.
Waste Disposal Method: Assure conformance with federal, state and local regulations.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required.
Ventilation: Provide good general ventilation.
Protective Gloves(Specify Type): Not required.
Eye Protection(Specify Type): Not required
Other Protective Equipment: See 29 CFR 1910.132-138 for further guidance.

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing: Do not freeze.
Other Precautions: Keep out of reach of children

© SCC 09/20/2005                      Name:              Ronald T. Cook                      Title:              Manager, Regulatory Affairs  
SOYSTRONG WATERLESS HAND              Effective Date: 09/20/2005  
CLEANER  
Ref: 29 CFR 1910.1200 (OSHA)              Changes:              New Product

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# Spartan Chemical Company, Inc.

## Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):  
**SOYSTRONG WATERLESS PLUS**  
 Product Number: 2974

Product Division:  
 Janitorial

Spartan Chemical Company, Inc.  
 1110 Spartan Drive  
 Maumee OH 43537

Product/Technical Information: 1-(800)-537-8990  
 Medical Emergency: 1-(888)-314-6171 (24 hours)  
 Chemical Leak/Spil Emergency: CHEMTREC 1-(800) 424-9300 (24 hours)

Shipping Description: Cleaning compounds, liquid, n.o.s.

NFPA Ratings:	HMIS Ratings:
Health: 1- Slight Fire: 0 - Minimal Reactivity: 0 - Minimal	Health: 1- Slight Fire: 0 - Minimal Reactivity: 0 - Minimal Pers. Prot. Equip.: See Section VIII

### SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

Chemical Name(s)	%Wt	CAS Registry No.	Table Z-1-A			NTP, IARC or OSHA Carcinogen
			TWA mg/m <sup>3</sup>	STEL mg/m <sup>3</sup>	CEILING mg/m <sup>3</sup>	
Methyl soyate	10-15	67784-80-9	Not Established	Not Established	Not Established	No
Stearic acid	1-5	57-11-4	Not Established	Not Established	Not Established	No
C9-11 Pareth-6	1-5	68991-48-0	Not Established	Not Established	Not Established	No
Pumice	1-5	1332-09-8	Not Established	Not Established	Not Established	No
Triethanolamine	1-5	102-71-6	5 (ACGIH)	Not Established	Not Established	No
PEG-15 Cocomonium chloride	1-5	61791-10-4	Not Established	Not Established	Not Established	No
Glycerin	1-5	56-81-5	15 (OSHA total) 5 (OSHA resp) 10 (ACGIH mist)	Not Established	Not Established	No

### SECTION III: PHYSICAL DATA

Boiling Point: 212 °F	Vapor Pressure: Not determined
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 7.0-8.0	Specific Gravity (H <sub>2</sub> O=1): 0.99
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 25-35%
Physical State: Creamy paste	
Appearance & Odor: Green cream, herbal fragrance	

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: > 212°F	Method Used: ASTM-D56
Flammable Limits: N/A	Flame Extension: N/A
Extinguishing Media: Product does not support combustion. Use extinguishing media appropriate for surrounding fire.	
Special Fire Fighting Procedures: Wear NIOSH approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.	
Unusual Fire & Explosive Hazards: Combustion products are toxic.	

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value:	Not established	Primary Routes of Entry:	Eyes; Oral
Effects of Overexposure-	May cause eye irritation with symptoms of pain, redness and swelling of the conjunctiva.		
Conditions to Avoid:	May be harmful if swallowed with symptoms of abdominal pain, nausea and diarrhea. Avoid contact with eyes . Do not swallow . Discontinue use if signs of skin irritation or rash appear .		
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.		
Emergency & First Aid Procedures :			
Eyes:	Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. Get medical attention.		
Skin:	Rinse skin with water. Get medical attention if irritation persists		
Ingestion:	Do not induce vomiting. Get medical attention. Do not give anything by mouth to an unconscious person.		

SECTION VI: REACTIVITY DATA

Stability:	Stable	Incompatible Materials:	Strong oxidizing agents
Hazardous Decomposition Products:	CO, CO <sub>2</sub>	Hazardous Polymerization:	Will Not Occur

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Steps to be Taken in Case Material is Released or Spilled:	Small spills of one gallon or less may be flushed with plenty of water to sanitary sewer system (If permitted by local sewer regulations). Dike and contain large spills with inert material and transfer liquid to containers for disposal. Keep spill out of storm sewers and waterways.
Waste Disposal Method:	Assure conformance with federal, state and local regulations.

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Respiratory Protection:	Not required.
Ventilation:	Provide good general ventilation.
Protective Gloves(Specify Type):	Not required.
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Other Protective Equipment:	See 29 CFR 1910.132-138 for further guidance.

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