

MIGHTY MAC BRAND

WONDER SUDS

Premium Hand Wash Detergent

DESCRIPTION

A highly concentrated detergent formulated for institutional use. Kind to the skin even when hands are submerged in the solution for long periods of time. Contains special emulsifiers to penetrate all kinds of soil, food stains, milk rings on glass, dried egg, protein matter, fats and greases. Produces a highly stable foam with a pleasant lemon scent. Removes lipstick from glasses without effort. Will not affect head on beer.

DIRECTIONS

FOR DISHES, GLASSWARE AND UTENSILS: Use 2 tablespoons per sink full of water and permit water to run with force until sink is filled to usual level. Wash dishes, rinse and permit to air dry. It is not necessary to towel dry; both dishes and glasses will dry to a spot free sparkle.

FOR GREASY POTS AND PANS: Cleans greasy pots and pans without effort. Merely use a tablespoon to each pan, fill with hot water, and let stand while other dishes are being washed. Then wash in the usual manner.

PRODUCT SPECIFICATIONS

Active Ingredients:	25.0 ± 0.5%
Color:	Clear
Odor:	Lemon
pH:	7.5 - 8.0
Viscosity:	Highly viscous
Foam:	High and stable
Abrasives:	None
Solubility:	Complete with water
Emulsification:	Excellent
Detergency:	Excellent
Rinsability:	Excellent
Flash Point:	None (waterbased)
Biodegradability:	Complete
Storage/Stability:	2 years
Weight per Gallon:	8.48 lbs./gal.
Freeze / Thaw Stability:	Keep from freezing



Reorder#
11-3020



SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: Wonder Suds
Generic Name: Premium Hand Wash Detergent
Chemical Family: Detergent Blend
Formula: Proprietary

Suppliers Name: Michco
Suppliers Address: 2011 N. High St., Lansing, MI 48906
Suppliers Website: www.Michco.com

SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Anionic Surfactant	27177-77-1	15 to 20			
Nonionic Surfactant	9016-45-9	0 to 5			
Coconut Diethanolamide	8051-30-7	0 to 5			
Sodium Lauryl Ether Sulfate	9004-82-4	0 to 5			
Tetrasodium EDTA	64-02-8	0 to 5			
Perfume Oil	N/A	0 to 5			

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 214 F.
Vapor Pressure: 20mm Hg @ 68 F.
% Volatile: 70+
Solubility in Water: Complete
Physical Description: Highly viscous golden liquid with pleasant odor.

Specific Gravity: 1.019
Vapor Density (Air=1): >1
pH: 7.5-8.0
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

SECTION 5-REACTIVITY DATA

Stability: Stable
Hazards Decomposition Products: Will not occur.

Hazardous Polymerization: None
Incompatibility (Materials to Avoid): None

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 and clothing.

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
Skin: Pre-existing conditions such as dermatitis may be aggravated by prolonged or repeated contact.
Eyes: Eye irritant. May cause redness or swelling.
Inhalation: N/A
Ingestion: May be irritating to the mouth, throat, and gastrointestinal system. Vomiting and diarrhea expected with large doses.

First Aid Procedures:

Skin: N/A
Eyes: Flush with large quantities of water, holding eyelids open. Seek medical attention if irritation persists.
Inhalation: N/A
Ingestion: Dilute with 2 glasses of water. Seek medical attention if symptoms persist.

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: Rubber gloves with repeated use.
Eye Protection: N/A
Other Protective Equipment: N/A

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 storm 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. Do not dispose 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
 No - 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	1
Flammability	0
Reactivity	0
Personal Protection	A

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