



Maintenance Solutions

Millennium[®] Citrus General Purpose Cleaner



For Use On:

Floors	Desks	Plastic
Walls	Refrigerators	Vinyl
Concrete	Tables	Porcelain
Tools	Stainless Steel	Chrome

Contains *HydroSolv 2000™ technology*, a fast acting powerful solubilizing agent that dissolves and suspends any soil, allowing it to be wiped or rinsed away completely.

DIRECTIONS

FOR LIGHT DUTY CLEANING: Dilute 2 ounces of concentrate per gallon of water.

FOR MOP CLEANING OR MACHINE SCRUBBING OF FLOOR FINISHES OR MEDIUM DUTY CLEANING: Dilute 3 or 4 ounces of concentrate per gallon of water.

FOR HEAVY DUTY INDUSTRIAL CLEANING: Dilute 6 to 8 ounces of concentrate per gallon of water.

Apply a liberal amount of solution onto the surface to be cleaned and allow to stand for a few minutes to allow product to penetrate into soil. Brush or scrub surface and pick-up. Rinse thoroughly with clean water.

FOR USE IN AUTOMATIC SCRUBBERS: For daily maintenance of non-industrial floors, dilute 3 to 4 ounces of concentrate (depending on soil conditions) to each gallon of water in the solution tank.

For use in heavy industrial applications, dilute 8 to 12 ounces of concentrate (depending on soil conditions) to each gallon of water in the solution tank.

FOR USE IN PRESSURE WASHERS: Adjust spray nozzle to deliver 1 part concentrate to 30-60 parts water depending on soil conditions. Rinse thoroughly with clear water.

These directions are flexible rather than specific. In many cases a more dilute solution can be used, while for extreme conditions a less dilute solution may be used.

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

DESCRIPTION

A highly concentrated general purpose cleaner designed to cut through the toughest soil conditions, and leave surfaces sparkling clean with a fresh pleasant citrus odor. An effective buffering agent combined with natural citrus oils maintain effective cleaning power under heavy soil loads.

PRODUCT SPECIFICATIONS

Active Ingredients:	11.5 ± 0.5%	Emulsification:	Excellent
Color:	Orange	Detergency:	Excellent
Odor:	Citrus	Rinsability:	Complete with water
pH:	11.5 - 12.0	Flash Point:	None (waterbased)
Viscosity:	Waterthin	Biodegradability:	Complete
Foam:	Moderate	Storage/Stability:	2 years
Abrasives:	None	Weight Per Gallon:	8.47 lbs. per gallon
Phosphate Content:	None	Freeze / Thaw Stability:	Keep from freezing
Solubility:	Complete with water		

Millennium Industrial Cleaners

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Manufacturer's Name: Misco Products Corporation	Product Name: Millennium Citrus	Supplier's Name:
Manufacturer's Address: 1048 Stinson Drive Reading, PA 19605	Generic Name: General Purpose Cleaner	Supplier's Address:
Manufacturer's Phone #: (610) 926-4106	Chemical Family: Detergent/solvent blend	Supplier's Phone #:
	Formula: Proprietary	

SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Nonionic Surfactant	9016-45-9	0 to 5		Not Hazardous	
Tetrasodium EDTA	64-02-8	0 to 5			
Amphoteric Surfactant	119345-04-9	0 to 5		Not Hazardous	
Amphoteric Surfactant	N/A	0 to 5		Not Hazardous	
Sodium Metasilicate	6834-92-0	0 to 5			
P-Series Glycol Ether	5131-66-8	0 to 5		Not Hazardous	
P-Series Glycol Ether	34590-94-8	0 to 5		Not Hazardous	
Citrus Terpenes (d-Limonene)	5989-27-5	0 to 5			

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212° F.	Specific Gravity: 1.033
Vapor Pressure: 20mm Hg @68°F.	Vapor Density (Air=1): >1
% Volatile: 80+	pH: 11.5 – 12.0
Solubility in Water: Complete	Evaporation Rate (Water=1): >1
Physical Description: Thin orange liquid with pleasant odor	

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None
Upper Explosion Limit: N/A
Lower 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	Hazardous Polymerization: None
Hazards Decomposition Products: Alkaline vapors in a fire.	Incompatibility (Materials to Avoid): Strong Acids, oxidizers, Chlorine

SECTION 6-STORAGE AND HANDLING INFORMATION

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

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
Skin: May cause irritation with prolonged or repeated contact (dryness, redness)
Eyes: Eye irritant. May cause conjunctivitis or possible irreversible damage.
Inhalation: Mists may be irritating to mucous membranes in the nose, throat, and lungs.
Ingestion: Irritating to the mouth and throat. May cause headache, nausea, abdominal pain.
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 immediately.
Inhalation: Get to fresh air. Seek medical attention if irritation persists.
Ingestion: Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: NIOSH/MSHA approved organic vapor canister.
Ventilation Requirements: Provide mechanical exhaust when misting of product is present.
Protective Gloves: Rubber or other chemical resistant.
Eye Protection: Safety glasses or chemical splash goggles.
Other Protective Equipment: Eyewash station nearby. Wear protective outer-wear when danger of mist contact may occur. Protective rubber boots should be worn.

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. Ventilate area well. 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 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:	Shipping Information:
No - Fire Hazard	FOR CONTAINERS > 1 Gallon : Cleaning Compound
No - Sudden Release of Pressure Hazard	
No - Reactivity Hazard	FOR 1 GALLON CONTAINERS : Cleaning Compound
Yes - Immediate (acute) Health Hazard	
No - Delayed (chronic) Health Hazard	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