

MIGHTY MAC BRAND

CITROX *Concentrated Peroxide Powered Multi-Purpose Cleaner*

DESCRIPTION

Citrox Super Concentrate is designed to be locked into the bottom of the Citrox dispenser. One bottle is all you need to dispense heavy and light duty Citrox cleaning solutions. The yellow button dispenses light duty solution. The blue button dispenses heavy duty solution. The short and long hoses are interchangeable so both concentrations can be used for quart and bucket fill applications. Refer to Citrox ready to use bottles, literature or wall charts to determine the dilution necessary for your application.

LIGHT DUTY CLEANING

Dilute concentrated product 1 oz. per gallon through Citrox™ dilution equipment. Use for glass cleaning, auto-scrubbing, light duty floor mopping, and mirrors, countertops and stainless steel.

HEAVY DUTY CLEANING

Dilute concentrated product 4 oz. per gallon through Citrox™ dilution equipment. Use for Cleaning and brightening tile grout on floors and showers, Bathroom toilet fixtures, and heavy duty degreasing.

PRODUCT SPECIFICATIONS

Active Ingredients:	18 + 0.5%
Color:	Amber
Odor:	Citrus
Base:	Detergent Blend
pH:	3.0 - 5.0
Viscosity:	Water thin
Foam:	Moderate
Abrasive:	None
Phosphate:	None
Solubility:	Complete w/water
Emulsification:	Excellent
Detergency:	Excellent
Rinsability:	Excellent
Biodegradability:	Complete
Storage/Stability:	6 Months
Weight Per Gallon:	8.60 lbs. Per gallon
Freeze/Thaw Stability:	Keep from freezing



Reorder#
95-1030



SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: Citrox
Generic Name: Concentrated Peroxide Powered Cleaner
Chemical Family: Detergent/Solvent Blend
Formula: Proprietary

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

SECTION 2-HAZARDOUS INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Hydrogen Peroxide (35% Solution)	7722-84-1	10 to 15	1 ppm 1.4 mg/m ³	1 ppm 1.4 mg/m ³	

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212° F.
Vapor Pressure: 20mm Hg @68°F.
% Volatile: 80+
Solubility in Water: Complete
Physical Description: Thin liquid with pleasant orange odor

Specific Gravity: 1.033
Vapor Density (Air=1): >1
pH: 3.0 – 5.0
Evaporation Rate (Water=1): >1

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 128° F (TCC)
Upper Explosion Limit: N/A
Lower Explosion Limit: N/A
Extinguishing Media: Dry chemical, CO₂ or water
Special Firefighting Procedures: Keep fire exposed containers cool with water stream.
Unusual Fire and Explosion Hazards: N/A

SECTION 5-REACTIVITY DATA

Stability: Stable
Hazards Decomposition Products: Not known

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

SECTION 6-STORAGE AND HANDLING INFORMATION

Eye Irritant. Combustible liquid – Avoid contact with heat, spark or open flame. 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: No special requirements
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.

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. If discarded, this material and containers should be treated as hazardous waste based on the characteristic of ignitability as defined under federal RCRA regulations (40 CFR 261). 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:
 Yes - 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	1
Flammability	2
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