

HP-C³

HYDROGEN PEROXIDE CITRUS CLEANER



Technical Data

Specifications

Active Ingredients:	14 + 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:	8.48 lbs. / gallon
Freeze/Thaw Stability:	Keep from freezing
Butyl:	None
Phosphate Content:	None
Chlorine Bleach:	None

HMIS Hazardous Materials I.D. System

Health 1	Flammability 0
Reactivity 0	Personal Protection B

What the Pros Know

Natural citrus solvents are excellent for the removal of grease and oily soils. Hydrogen Peroxide is a powerful, safe and effective oxidizer that increases the cleaning power without the use of butyl, phosphates or chlorine bleach.

Highly concentrated cleaners must be properly diluted. Follow the label directions carefully to obtain the best mix of cleaning power, safety and economy. When using spray bottles remember that OSHA requires secondary labeling.

Description

Natural citrus-based solvents, hydrogen peroxide, and powerful detergents provide exceptional cleaning performance. Excellent for fast removal of soils on most washable surfaces including walls, floors, counters and more. Suitable for spray & wipe, mop & bucket and auto scrubber application. Light citrus fragrance.

Directions

Read all directions and cautions on the label prior to using. Consult the MSDS for recommended personal protection equipment.

DILUTIONS

Light Cleaning - Dilute 1:64 (1/2 ounce per quart bottle; 2 ounces per gallon of water).

Medium Cleaning - Dilute 1:32 (1 ounce per quart bottle; 4 ounces per gallon of water).

Heavy Cleaning and Degreasing - Dilute 1:10 (3 ounces per quart bottle; 12 ounces per gallon of water).

DIRECTIONS

1. Dilute as recommended above depending on the difficulty of the cleaning task.
- 2) Trigger Sprayer - Pour the measured concentrate into a quart bottle, fill the bottle with water and add the proper secondary label. Spray and wipe the surface clean.
- 3) Bucket and Auto Scrubber - Pour the measured concentrate into the mop bucket or auto scrubber tank. Add water. Apply with a mop or auto scrubber.

Natural Citrus Solvents

Hydrogen Peroxide Boosted

Powerful Detergents



SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Manufactured for: Triple S
 Address: 2 Executive Park Drive Billerica, MA 01862
 Phone #: 800-323-2251

Product Name: HPC3
 Generic Name: Peroxide Powered Cleaner/Degreaser
 Chemical Family: Detergent/solvent blend
 Formula: Proprietary

SECTION 2-HAZARDOUS INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Hydrogen Peroxide	7722-84-1	0 to 5	1 ppm 1.4 mg/m ³	1 ppm 1.4 mg/m ³	

SECTION 3-PHYSICAL DATA

Bolling Point (°F): 212° F. Specific Gravity: 1.018
 Vapor Pressure: 20mm Hg @68°F. Vapor Density (Air=1): >1
 % Volatile: 80+ pH: 3.0 ÷ 5.0
 Solubility in Water: Complete Evaporation Rate (Water=1): >1
 Physical Description: Thin liquid with pleasant orange odor

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 Hazardous Polymerization: None
 Hazards Decomposition Products: Not known Incompatibility (Materials to Avoid): Strong Alkalies

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: 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. 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:
 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	1
Flammability	0
Reactivity	0
Personal Protection	E

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