



Citrus General Cleaner

NATURAL CITRUS SOLVENT CLEANER

SPECIALTY PRODUCTS

DESCRIPTION: Citrus General Cleaner is a highly concentrated natural citrus solvent cleaner, deodorant, de-scaler and de-clogger. The most unique and versatile product ever developed. Contains no petroleum distillates or chlorinated solvents. 100% environmentally safe. May be safely used as directed on carpets, sinks, toilets, fiberglass, machinery, tools, grills, ceramic tiles, graffiti, dumpsters, grease traps, all metals and much, more.

DIRECTIONS: Note: pretest all plastic surfaces prior to use.

- For general cleaning and deodorizing: Dilute 2 to 4 ounces of concentrate per gallon of warm water. Sponge or spray onto surface and allow to stand a few moments. Wipe clean with a clean cloth or sponge.
- For machinery, engines, rubber burns, graffiti, and heavy industrial cleaning: Dilute 16 ounces of concentrate per gallon of warm water. Mop, spray or sponge onto surface and allow to stand at least 5 minutes. Scrub or brush thoroughly, then rinse with clean water.
- For grease traps: Add 8 ounces weekly to all drain openings and allow to stand at least 10 minutes before flushing.
- For toilets, sinks, urinals, shower stalls, bathtubs, chrome fixtures and ceramic tiles: Dilute 2 to 4 ounces of concentrate per gallon of warm water and apply to surface, allowing to stand a few moments. Rinse away all soap film, scale and grime.
- For carpets, rugs, upholstery and fabrics: Dilute 6 to 8 ounces of concentrate per gallon of warm water. Apply with a sprayer or clean cloth. Do not over wet. Gently work out gum, tar, grease, oil, etc. Blot dry with clean cloth.
- For odor control around dumpsters, garbage disposals, septic tanks, sewage plants, kennels, etc.: Dilute 4 ounces of concentrate per gallon of water. Spray or mop onto area to be treated and allow to stand. Around sewage treatment plants, apply by the drip method or fogging.

PACKAGING:	<u>SIZE</u>	<u>CATALOG #</u>
	2/2.5 gallon case	64401505

PRODUCT SPECIFICATIONS

Active Ingredients:	93±.5%	Fumes:	none
Color:	orange	Solubility:	emulsifiable
Odor:	orange	Emulsification:	excellent
Base:	100% natural citrus solvent	Detergency:	excellent
pH:	12.0 - 12.5	Rinsability:	excellent
Viscosity:	slightly viscous	Biodegradability:	complete
Foam:	moderate	Storage/Stability:	2 year
Abrasives:	none	Weight Per Gallon:	7.37 lbs
Phosphate Content:	none	Freeze/Thaw Stability:	keep from freezing

ISO 9001:2000 Certified
Certificate No. 2049



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PRIDE ENTERPRISES

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CONTROLLED

Issue Date: 05/30/08
Form PB64401505, Rev (F)

MATERIAL SAFETY DATA SHEET

Prepared By: M. Cueto

(Prepared According to 29 CFR 1910.1200)

Effective Date: 08/10/05

SECTION 1- PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: CITRUS GENERAL CLEANER Generic Name: All Natural Citrus Solvent Product Group: Specialty Products	Supplier's Name: SANITARY MAINTENANCE & SUPPLY P.O. BOX 1425 AVON PARK, FL 33826 Phone #: (813)-890-6594
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SECTION 2- INGREDIENT INFORMATION

CHEMICAL NAME	CAS #	WT %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	up to 100	N/A.	N/A.	N/A.
Citrus Terpene (d-Limonene)	5989-27-5	70 to 80	N/A.	N/A.	N/A.
Coconut Diethanolamide	8051-30-7	5 to 10	N/A.	N/A.	N/A.
Nonionic Surfactant	9016-45-9	5 to 10	N/A.	N/A.	N/A.
Dye	N/A.	0 to 5	N/A.	N/A.	N/A.

SECTION 3- PHYSICAL DATA

Boiling Point: 335° F
Vapor Pressure: <1.2mm @ 68°F
% Volatile: 90+%
Solubility in Water: Emulsifies
VOC Content: %VOC 78.0, 5.6 lb/gal, 671.1 gm/l
Physical Description: Thin orange liquid with pleasant odor.

Initial Specific Gravity: .855
Vapor Density (Air=1): >1
pH: 12.0-12.5
Evaporation Rate (Water=1): <1

SECTION 4- FIRE AND EXPLOSION HAZARD DATA

Flash Point: 108° F (TCC)
Extinguishing Media: Foam, CO₂, Dry Chemical
Special Firefighting Procedures: DO NOT USE WATER.
Unusual Fire and Explosion Hazards: Drums heated by fire can explode
Upper Explosion Limits: 6.0
Lower Explosion Limits: 1.0

SECTION 5- REACTIVITY DATA

Stability: Stable
Hazard Decomposition Products: Carbon monoxide possible if burned
Hazardous Polymerization: None
Incompatibility (Materials to Avoid): None Known

SECTION 6- STORAGE AND HANDLING INFORMATION

Combustible liquid-Avoid contact with heat, spark or open flame. 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, skin and clothing. Wear rubber gloves and protective eyewear when handling concentrate or diluted product. Avoid breathing vapors. Use in well ventilated area.

SECTION 7- HEALTH HAZARDS AND FIRST AID

Effects of Overexposure
Skin: Defatting to skin with prolonged or repeated contact. May lead to dryness and irritation.
Eyes: Eye irritant. May cause redness, burning or tearing.
Inhalation: Vapors and mists may be irritating to mucous membranes in the nose, throat and lungs.
Ingestion: May be irritating to the mouth, throat and gastrointestinal system.

First Aid Procedures
Skin: Flush with water. If irritation persists, seek medical attention if irritation persists.
Eyes: Flush with large quantities of water, holding eyelids open; Seek medical attention if irritation persists.
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: Use in well ventilated area.
Ventilation Requirements: Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limits.
Protective Gloves: Chemical resistant neoprene or rubber.
Eye Protection: Safety glasses or chemical splash goggles.
Other Protective Equipment: Safety eye bath nearby.

SECTION 9-SPILL OR LEAK PROCEDURES

Cleanup Procedure for Spills: Extinguish all ignition sources and ventilate area well. Floors will become slippery. Avoid walking on product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to open waterways.
Waste Disposal: 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 container should be treated as hazardous waste based on the characteristics of ignitibility as defined under federal regulations (40CFR 261). Consult local authorities for disposal in public sewers. Do not dispose of in 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: (Y/N): N Fire: Y Sudden Release of Pressure: N Reactivity: N Acute (IMMEDIATE) Health Hazard: Y. Chronic (DELAYED) Health Hazard: N. Other: N.	Shipping Information: Containers >1 gallon: cleaning compound Containers 1 gallon: cleaning compound Containers <1 gallon: cleaning compound	HMIS Hazardous Material Identification System	
		Health	2
		Flammability	2
		Reactivity	0

For emergency and medical help line, call INFOTRAC at 1-800-535-5053, 24 hours a day, 7 days a week for information on all our products and/or MSDS. Obtain an MSDS at www.pride-enterprises.org/MSDS/menu.htm or call customer service at (813)-890-6594

Personal Protection **B**

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.