



**Citrus**

**General Cleaner**  
**NATURAL CITRUS**  
**SOLVENT CLEANER**

**CLEANERS & DEGREASERS**

**DESCRIPTION:** BRILLIANT'S 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:**                      SIZE                                      CATALOG #  
    2/2.5 gallon case                                      64401505

**PRODUCT SPECIFICATIONS**

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

ISO 9001:2000 Certified  
 Certificate No. 2049



**EAGLE** Registrations Inc.  
 SERVICE • INTEGRITY • VALUE

**BRILLIANT PRODUCTS**  
 P. O. Box 1425 Avon Park, FL 33826  
 Phone: 813-890-6594 Fax: 813-890-2101



**CONTROLLED**

Issue Date: 05/30/08  
 Form PB64401505B, Rev (D)

**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:** BRILLIANT PRODUCTS  
 P.O. BOX 1425  
 AVON PARK, FL 33826  
**Phone #:** (813)-890-6594

**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:** <10mm @ 68° F  
**% Volatile:** 90+%  
**Solubility in Water:** emulsifies  
**VOC Content:** %VOC 78.0, 5.6 lb/gal, 671.1 gm/liter  
**Physical Description:** Thin orange liquid, pleasant odor

**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, CO<sub>2</sub>, dry chemical  
**Special Firefighting Procedures:** DO NOT use water  
**Unusual Fire and Explosion Hazards:** Drums heated by fire can explode  
**Upper Explosion Limits:** 6  
**Lower Explosion Limits:** 1

**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.

**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.	<b>Shipping Information:</b> Containers >1 gallon: cleaning compound  Containers 1 gallon: cleaning compound  Containers <1 gallon: cleaning compound	<b>HMIS Hazardous Material Identification System</b>	
		<b>Health</b>	<b>2</b>
		<b>Flammability</b>	<b>2</b>
		<b>Reactivity</b>	<b>0</b>

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](http://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.