



Citrus

All-Purpose Cleaner

GENERAL PURPOSE CLEANER

CLEANERS & DEGREASERS

DESCRIPTION: BRILLANT'S Citrus General Cleaner is 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. It is for use on: Floors, walls, concrete, tools, desks, refrigerators, tables, stainless steel, plastic, vinyl, porcelain, and chrome.

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 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 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.

PACKAGING:

SIZE

2/2.5 gallon case

CATALOG

64401905

PRODUCT SPECIFICATIONS

Active Ingredients:	11.5±0.5%	Flash Point:	none
Color:	orange	Emulsification:	excellent
Odor:	citrus	Detergency:	excellent
pH:	11.5-12.0	Rinsability:	complete with water
Foam:	moderate	Biodegradability:	complete
Abrasives:	none	Storage/Stability:	2 year
Phosphate Content:	none	Weight Per Gallon:	8.47 lbs
Solubility:	complete with water	Freeze/Thaw Stability:	keep from freezing
Viscosity:	water thin		

BRILLANT PRODUCTS

P. O. Box 1425 Avon Park, FL 33826
Phone: 863-452-3872 Fax: 863-452-3878

CONTROLLED

Issue Date: 08/10/05
Form PB64401905B, Rev (B)

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 ALL-PURPOSE CLEANER
Generic Name: General Purpose Cleaner
Product Group: Specialty Products

Supplier's Name: BRILLIANT PRODUCTS
 P.O. BOX 1425
 AVON PARK, FL 33826
Phone #: (863)-452-3872

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	0 to 5	N.A.	N.A.	N.A.
Nonionic Surfactant	9016-45-9	0 to 5	N.A.	Not Hazardous	N.A.
Tetrasodium EDTA	64-02-8	0 to 5	N.A.	N.A.	N.A.
Amphoteric Surfactant	119345-04-9	0 to 5	N.A.	Not Hazardous	N.A.
Amphoteric Surfactant	N/A	0 to 5	N.A.	Not Hazardous	N.A.
Sodium Metasilicate	6834-92-0	0 to 5	N.A.	N.A.	N.A.
P-Series Glycol Ether	5131-66-8	0 to 5	N.A.	Not Hazardous	N.A.
P-Series Glycol Ether	34590-94-8	0 to 5	N.A.	Not Hazardous	N.A.

SECTION 3- PHYSICAL DATA

Boiling Point: 212° F
Vapor Pressure: 20Hg @ 68°F
% Volatile: 80+%
Solubility in Water: complete
Physical Description: Thin orange liquid, pleasant odor

Specific Gravity: 1.033
Vapor Density (Air=1): >1
pH: 11.5-12.0
Evaporation Rate (Water=1): >1

SECTION 4- FIRE AND EXPLOSION HAZARD DATA

Flash Point: (Method Used) None
Extinguishing Media: N/A
Special Firefighting Procedures: Non Flammable
Unusual Fire and Explosion Hazards: N/A
Upper Explosion Limits: N/A
Lower Explosion Limits: N/A

SECTION 5- REACTIVITY DATA

Stability: Stable
Hazard Decomposition Products: Alkaline vapors in a fire.

Hazardous Polymerization: None
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: Mist 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. If irritation persists, seek medical attention.
Eyes: Flush with large quantities of water. Seek medical attention immediately.
Inhalation: Remove to fresh air. seek medical attention if irritation persists.
Ingestion: DO NOT induce vomiting. Drink large quantities of water, get 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: Safety eye bath nearby.

SECTION 9- SPILL OR LEAK PROCEDURES

Steps to be taken in Case Material is released or Spilled: Floors will become slippery. Avoid walking on product. Avoid walking in 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. 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): 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	0
		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 (863)-452-3872.		Personal Protection

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.