



Orange Bull

D-LIMONENE BASED DEGREASER

CLEANERS & DEGREASERS

DESCRIPTION: Brilliant's Orange Bull is an extremely high concentrated natural citrus solvent cleaner, deodorant, de-scaler and de-clogger. It contains no petroleum distillates or chlorinated solvents, and it is very 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>
	4/1 gallon case	64404004
	55 gallon drum	64404055

PRODUCT SPECIFICATIONS

Appearance:	Clear Liquid
Color:	Light Orange
Odor:	Orange
pH:	N/A
Specific Gravity:	.850 - .950
Viscosity:	<10



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



CONTROLLED

Issue Date: 05/15/08
Form PB644040B, Rev (G)

MATERIAL SAFETY DATA SHEET

Prepared By: R. Gomez

(Prepared According to 29 CFR 1910.1200)

Effective Date: 08/10/05

SECTION 1- PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: ORANGE BULL
Generic Name: Orange Oil Solvent
Product Group: Cleaners & Degreasers

Manufacturer's Name: BRILLIANT PRODUCTS
 BOX 1425
 AVON PARK, FL 33826
Phone #: (813)-890-6594

SECTION 2- INGREDIENT INFORMATION

CHEMICAL NAME	CAS#	WT%	PEL	TWA-TLV	STEL-TLV
Terpenes	5989-27-5	90%	N.A.	N.A.	N.A.
Proprietary Inert Ingredient	N.A.	10%	N.A.	N.A.	N.A.

No Components, in excess of 0.1% by weight are listed as carcinogens by IARC, NTP, or OSHA

SECTION 3- PHYSICAL DATA

Boiling Point: 335° F
Vapor Pressure: <10mm @ 68°F
% Volatile: 90+%
Solubility in Water: emulsifies
Physical Description: Thin orange liquid, pleasant odor

Specific Gravity: .850 - .950
Vapor Density (Air=1): >1
pH: N/A
Evaporation Rate: <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/Explosion Hazards: Drums heated by fire can explode
Upper Explosion Limits: 6
Lower Explosion Limits: 1

SECTION 5- REACTIVITY DATA

Stability: Stable
Hazards Decomposition Products: Carbon monoxide possible if burned
Hazardous Polymerization: Will not occur
Incompatibility (Materials to Avoid): None

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.

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: Immediately flush for 15 minutes with water; seek medical attention if irritation persists.
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: 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: Goggles with side shields.
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.	<u>Shipping Information</u>	HMIS Hazardous Material Identification System	
	Containers >1 gallon: cleaning compound	Health	2
	Containers 1 gallon: cleaning compound	Flammability	2
	Containers <1 gallon: cleaning compound	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.