



Orange Blast

D-LIMONENE/BUTYL BASED SOLVENT

CLEANERS & DEGREASERS

DESCRIPTION: Brilliant's Orange Blast is a concentrated solvent cleaner based on a citrus and butyl formula. It's also a formidable deodorant, de-scaler and declogger. It contains no petroleum distillates or chlorinated solvents, and is considered a very environmentally safe product. **Orange Blast** 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 15 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	64403804
	5 gallon pail	64403805
	15 gallon drum	64403815
	55 gallon barrel	64403855

PRODUCT SPECIFICATIONS

Appearance:	Clear Liquid
Color:	Orange
Odor:	Orange
pH:	12.00-14.00
Specific Gravity:	.990-1.030
Viscosity:	<10

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: 05/15/08
Form PB644038B, Rev (J)

MATERIAL SAFETY DATA SHEET

Prepared By: L. Peterson

(Prepared According to 29 CFR 1910.1200)

Effective Date: 12/5/07

SECTION 1- PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: ORANGE BLAST
Generic Name: Citrus/Butyl Solvent
Product Group: Cleaners and Degreasers

Manufacturer'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	to 100	N.A.	N.A.	N.A.
Non-Ionic Surfactant	9016-45-9	0 to 10	N.A.	N.A.	N.A.
Terpenes	5989-27-5	0 to 5	N.A.	N.A.	N.A.
2-Butoxy Ethanol	111-76-2	0 to 5	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 (°F): 240 F. Initial
Vapor Pressure: <10 mm Hg @ 68° F
% Volatile: 90% +
Solubility in Water: Complete
Physical Description: Thin orange liquid with orange odor.

Specific Gravity: .990 - 1.030
Vapor Density (Air=1): >1
pH: 11.5 – 12.0
Evaporation Rate (Water=1): <1

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A
Extinguishing Media: Foam, dry chemical, CO₂
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
Hazards Decomposition Products: Carbon monoxide possible if burned.

Hazardous Polymerization: Will not occur.
Incompatibility (Materials to Avoid): None.

SECTION 6- STORAGE AND HANDLING INFORMATION

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. Avoid breathing vapors. Wear protective eyewear and gloves when handling.

SECTION 7- HEALTH HAZARDS AND FIRST AID

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

First Aid Procedures
Skin: Wash skin thoroughly with water. Seek medical attention if symptoms persist.
Eyes: Flush with water; seek medical attention if symptoms persist.
Inhalation: Remove to fresh air. Seek medical attention if symptoms persist.
Ingestion: DO NOT induce vomiting. Give large quantities of water. Seek medical attention.

SECTION 8- SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use in well ventilated area.
Ventilation Requirements: Provide adequate ventilation.
Protective Gloves: Chemical resistant neoprene or rubber.
Eye Protection: Chemical splash goggles recommended.
Other Protective Equipment: N/A

SECTION 9-SPILL OR LEAK PROCEDURES

Cleanup Procedure for Spills: Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb or hold disposal. Avoid discharge to sewer or open waterways.
Waste Disposal: Dispose in accordance with local, state and federal regulations.

SECTION 10-REGULATORY INFORMATION

SARA Title III – Section 311/312 – Hazard Categories:
Fire: N
Sudden Release of Pressure: N
Reactivity: N
Acute (IMMEDIATE) Health Hazard: Y
Chronic (DELAYED) Health Hazard: N

Shipping Information
 For Containers > 1 Gallon: Cleaning Compound
 For 1 Gallon Containers: Cleaning Compound
 For Containers < 1 Gallon: Cleaning Compound

HMIS Hazardous Material Identification System

Health	1
Flammability	0
Reactivity	0
Personal Protection	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 or call customer service at **(813)-890-6594**

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.