

Safety Data Sheet

Issue Date 20-Feb-2023

Revision/Review Date: 20-Feb-2023

Version 1.0

1. IDENTIFICATION

Product Identifier

Product Name Bright Solutions LVT Floor Restorer

Other Means of Identification

Product Code BSL17200041

Recommended use of the Chemical and Restrictions on Use

Recommended Use LVT restorer/rejuvenator. For industrial and institutional use.

Details of the Supplier of the Safety Data Sheet

Bright Solutions
140 Private Brand Way
Athens, TN 37303

Emergency Telephone Number

Company Phone Number Phone: 1-800-467-6294
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Opaque White

Physical State Liquid

Odor No added fragrance

Classification

Skin corrosion/irritation

Category 3

Signal Word

Warning

Hazard Statements

Causes mild skin irritation.

Precautionary Statements - Prevention

Wash face, hands, and any exposed skin thoroughly after handling.

Precautionary Statements - Response

IF ON SKIN: If skin irritation occurs: Get medical help.

Precautionary Statements - Storage

No other means specified.

Precautionary Statements - Disposal

No other means specified.

Hazards Not Otherwise Classified (HNOC)

None known.

Other Hazards

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Tributoxyethyl Phosphate	78-51-3	1-5

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret

4. FIRST-AID MEASURES

First Aid Measures

General Advice	Treat symptoms.
Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention. Contact lenses should be discarded.
Skin Contact	IF ON SKIN: Remove all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation occurs: Seek medical attention.
Inhalation	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician or poison control center if symptoms persist.
Ingestion	IF SWALLOWED: Never give anything by mouth to an unconscious person. Rinse mouth. Drink plenty of water. Do not induce vomiting. Seek medical attention if symptoms persist.

Most Important Symptoms and Effects

Symptoms	Causes mild skin irritation.
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Indication of any Immediate Medical Attention and Special Treatment Needed

Notes to Physician	May aggravate pre-existing skin disorders. Any lung condition may be aggravated.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog). Carbon dioxide (CO₂). Dry chemical. Foam.

Unsuitable Extinguishing Media

Not determined.

Specific Hazards Arising from the Chemical

Product is not flammable.

Hazardous Combustion Products

Normal products of combustion.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions	Use personal protection recommended in Section 8.
Environmental Precautions	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13, Disposal Considerations, for additional information.

Methods and Material for Containment and Cleaning Up

Methods for Containment	Prevent further leakage or spillage if safe to do so. For large spills, dike far ahead of liquid spill for later disposal.
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Methods for Clean-Up

Contain and collect with an inert absorbent and place into an appropriate container for disposal. Dilute remaining residue with water.

7. HANDLING AND STORAGE

Precautions for Safe Handling**Advice on Safe Handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Use personal protection recommended in Section 8. Wash face, hands, and any exposed skin thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray. For Industrial or professional use only.

Conditions for Safe Storage, including any Incompatibilities**Storage Conditions**

Keep container tightly closed and store in a cool, dry, and well-ventilated place. Store locked up. Keep from freezing. Protect from excessive heat. Keep out of the reach of children.

Incompatible Materials

Acids. Oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
None Listed	-	-	-

Appropriate Engineering Controls**Engineering Controls**

Apply technical measures to comply with the occupational exposure limits.

Individual Protection Measures, such as Personal Protective equipment**Eye/Face Protection**

None needed under normal use conditions. Wear protective safety glasses if splashing is expected.

Skin and Body Protection

None needed under normal use conditions. Wear protective gloves if prolonged exposure is expected.

Respiratory Protection

No respiratory protection is necessary during normal use conditions.

General Hygiene Considerations

Wash contaminated clothing before reuse. Wash face, hands, and any exposed skin thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties**Physical State**

Liquid

Appearance

Opaque

Color

White

Odor

No added fragrance

Odor Threshold

Not determined

Property**Values****Remarks • Method****pH**

7.5-8.5

Melting Point/Freezing Point

~ 0 °C / 32 °F

Boiling Point/Boiling Range

~ 100 °C / 212 °F

Flash Point

None

Tag Closed Cup

Evaporation Rate

Not determined

Flammability (Solid, Gas)

Not determined

Upper Flammability Limits

Not determined

Lower Flammability Limit

Not determined

Vapor Pressure

Not determined

Vapor Density

Not determined

Specific Gravity

1.03

Water Solubility	Miscible	@ 25 °C (77 °F)
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	None known	
Oxidizing Properties	Not determined	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Elevated temperatures. Keep from freezing. Keep out of reach of children.

Incompatible Materials

Acids. Oxidizing agents.

Hazardous Decomposition Products

Oxides of Carbon and nitrogen.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact	May cause eye irritation.
Skin Contact	Causes mild skin irritation.
Inhalation	Avoid breathing vapors or mists.
Ingestion	Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Tributoxyethyl Phosphate 78-81-3	> 2000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 6.4 mg/L (4h) (Rat)

Information on Physical, Chemical and Toxicological Effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure

Carcinogenicity	Not classifiable as a human carcinogen.
Chronic Toxicity	Chronic exposure may cause liver, kidney and/or blood disorders.

Numerical Measures of Toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Tributoxyethyl Phosphate 78-81-3	61 mg/L 72h	24 mg/L 96h	-	53 mg/L 48h

Persistence/Degradability

Not determined

Bioaccumulation

Not determined

Mobility

Not determined.

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national, and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national, and local laws and regulations.

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

Not Regulated for transport

IATA

IMDG

15. REGULATORY INFORMATION

International Inventories

Canada – Domestic Substances List (DSL)
TSCA (Toxic Substances Control Act)

All ingredients are listed or exempt.
All ingredients are listed or exempt.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
None listed	-	-	-

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
None listed	-	-	-	-

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	State List
None listed	-

AZ – Arizona Ambient Air Quality Guidelines
 CT – Connecticut Hazardous Air Pollutants
 CA – California Director's List of Hazardous Substances
 CAP65 – California Prop 65
 FL – Florida Substances List
 ID – Idaho Non-Carcinogen Toxic Air Pollutants

IL – Illinois Toxic Air Contaminant- Carcinogenic
 MA – Massachusetts Right to Know List
 MN – Minnesota Hazardous Substances List
 NJ – New Jersey Right to Know List
 PA – Pennsylvania Right to Know List
 RI – Rhode Island Hazardous Substances List

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	Not determined	Not determined	Not determined	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	0	0	Gloves

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Keep Out of Reach of Children. For Industrial and Institutional Use Only.

*Denotes changes from last version.

End of Safety Data Sheet