



SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Name: Bender Stakes

1.2. Intended Use of the Product

Use of the Substance/Mixture: Landscape

1.3 Name, Address, and Telephone of the Responsible Party Company

Western States Wholesale
1420 Bon View
Ontario, California 91761

1.4. Emergency Telephone Number

Emergency Number (800) 325 - 6851

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US Classification

Not classified

2.2. Label Elements

GHS-US Labeling

No labeling applicable

2.3. Other Hazards

During normal operation and usage, this product does not present inhalation, ingestion, or other chemical hazards. However, operations such as grinding, cutting, burning, may release dusts, fumes, or vapors which may present health hazards. The health hazards described below relate to these non-routine operations, as well as exposure to component materials.

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance Not applicable

3.2. Mixture

Polypropylene	Product Identifier 9003-07-0	Percent % 80-100
High Density Polyethylene	Product Identifier (CAS No) 9002-88-4	Percent % <5
Proprietary Additive	Product Identifier (CAS No) 26221-73-8	Percent % <12
Iron Oxide Pigment	Product Identifier (CAS No) 51274-00-1	Percent % <5

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

First-aid Measures General: The need for first aid is not anticipated under normal conditions of use.

First-aid Measures After Inhalation: Not expected to be a primary route of exposure.

First-aid Measures After Skin Contact: Not expected to present a significant dermal hazard under anticipated conditions of normal use.

First-aid Measures After Eye Contact: Not expected to be a primary route of exposure.

First-aid Measures After Ingestion: If swallowed, do not induce vomiting. Rinse mouth and obtain medical attention if necessary.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

Symptoms/Injuries: Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/Injuries After Inhalation: Not expected to be a primary route of exposure. Under normal conditions of use not expected to present a significant hazard. Under milling, or physical alteration metal dusts may be produced that cause irritation of the respiratory tract, skin, and may be harmful. Molten material may release toxic, and irritating fumes.

Symptoms/Injuries After Skin Contact: Not expected to be a primary route of exposure.

Symptoms/Injuries After Eye Contact: Not expected to be a primary route of exposure.

Symptoms/Injuries After Ingestion: Due to product form, ingestion is highly unlikely. Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: None expected under normal conditions of use.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable extinguishing media: : Use dry chemical, CO₂, water spray (fog) or foam

Unsuitable Extinguishing Media: None known.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Products of combustion may include, and are not limited to: oxides of carbon, nitrogen, water.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any fire.

Firefighting Instructions: Use firefighting measures appropriate for the surrounding fire.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Metal oxides. Carbon oxides (CO, CO₂).

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Accidental release of the product does not present a hazard under normal conditions of use.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use of personal protective equipment (PPE) is not generally required but should be evaluated based on the extent and severity of accidental release.

Emergency Procedures: Evacuate the area if accidental release presents a significant hazard.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection as conditions warrant.

Emergency Procedures: Upon arrival at the scene a first responder is expected to protect oneself and the public, secure the area, and call for the assistance of trained personnel as conditions permit.

6.2. Environmental Precautions

The product does not pose a significant hazard to the environment.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain the product and collect as any solid.

Methods for Cleaning Up: Collect spillage. Dispose in a safe manner in accordance with local/national regulations.s

6.4. Reference to Other Sections

See Section 8 for advice on personal protective equipment and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Further processing of the product requires an evaluation of potential hazards based upon intended use.

Precautions for Safe Handling: There are no specific precautions necessary for safe handling of the product.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: No technical measures are necessary for storage of the product.

Storage Conditions: No specific conditions are required for storage of the product.

Incompatible Products: None known.

7.3. Specific End Use(s)

Lawn edging

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

8.2. Exposure Controls

Appropriate Engineering Controls : Engineering controls are not required for normal use of this product.

Personal Protective Equipment : Personal protective equipment is not generally required but should be evaluated based on conditions of use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on Basic Physical and Chemical Properties**

Physical State	: Solid
Appearance	: Black Plastic
Odor	: No data available
Odor Threshold	: No data available
pH	: No data available
Evaporation Rate	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: No data available
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor Pressure	: No data available
Relative Vapor Density at 20°C	: No data available
Relative Density	: 7.6 - 7.8 (Water = 1)
Solubility	: No data available
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity	: No data available

9.2. Other Information No additional information available**SECTION 10: STABILITY AND REACTIVITY**

1. **Reactivity:** Hazardous reactions will not occur under normal conditions.
1. **Chemical Stability:** Stable under recommended handling and storage conditions.
1. **Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
1. **Conditions to Avoid:** Extremely high or low temperatures.
1. **Incompatible Materials:** None known.
1. **Hazardous Decomposition Products:** None expected under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on Toxicological Effects****Acute Toxicity:** Not classified**Skin Corrosion/Irritation:** Not classified**Serious Eye Damage/Irritation:** Not classified**Respiratory or Skin Sensitization:** Not classified**Germ Cell Mutagenicity:** Not classified**Carcinogenicity:** Not classified**Reproductive Toxicity:** Not classified**Specific Target Organ Toxicity (Single Exposure):** Not classified**Specific Target Organ Toxicity (Repeated Exposure):** Not classified**Aspiration Hazard:** Not classified**Symptoms/Injuries:** Not expected to present a significant hazard under anticipated conditions of normal use.**Symptoms/Injuries After Inhalation:** Not expected to be a primary route of exposure. Under normal conditions of use not expected to present a significant hazard. Under milling, or physical alteration metal dusts may be produced that cause irritation of the respiratory tract, skin, and may be harmful. Molten material may release toxic, and irritating fumes.**Symptoms/Injuries After Skin Contact:** Not expected to be a primary route of exposure.**Symptoms/Injuries After Eye Contact:** Not expected to be a primary route of exposure.**Symptoms/Injuries After Ingestion:** Due to product form, ingestion is highly unlikely. Ingestion is likely to be harmful or have adverse effects.**Chronic Symptoms:** None expected under normal conditions of use.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General : Not classified. 12.2.

Persistence and Degradability

Bender Stake

Persistence and Degradability

Not established.

12.3. Bioaccumulative Potential

Bender Stake

Bioaccumulative Potential

Not established.

12.4. **Mobility in Soil** No additional information available

12.5. Other Adverse Effects

Other Information : Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Waste Disposal Recommendations: Dispose in a safe manner in accordance with local, regional, national, and international regulations.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

1. **In Accordance with DOT** Not regulated for transport
1. **In Accordance with IMDG** Not regulated for transport
1. **In Accordance with IATA** Not regulated for transport

SECTION 15: REGULATORY INFORMATION

1. **US Federal Regulations** Neither this product nor its chemical components appear on any US federal lists.
1. **US State Regulations** Neither this product nor its chemical components appear on any US state lists.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date

: 2/26/2024

Other Information

: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.