



Turf Titan Drought Defender

Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

Issue date: 03/17/2022

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Version: 2.0

SECTION 1: Identification

Product Identifier	Turf Titan Drought Defender
Recommended Use	Enhanced plant growth and vigor, increased soil health Mixture
Product Form	Mixture
Manufacturer Information	BW Fusion 3850 Concept Court, Suite 101 Fort Wayne, IN 46808 - USA Phone: 888-970-0955
Emergency telephone number	1-800-424-9300 (CHEMTREC)

SECTION 2: Hazard(s) identification

Classification of the substance or mixture

GHS US classification Not classified

GHS Label elements, including precautionary statements

GHS US labeling No labeling applicable

Other hazards which do not result in classification

No additional information available

Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

Substances

Not applicable

Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of HazCom 2012

SECTION 4: First-aid measures

Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
Skin contact	If skin irritation occurs: Wash skin with plenty of water. Obtain medical attention if irritation persists.
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

Most important symptoms and effects (acute and delayed)

Symptoms/effects inhalation	May cause irritation to the respiratory tract.
Symptoms/effects skin contact	May cause skin irritation. Repeated exposure may cause skin dryness or cracking.
Symptoms/effects eye contact	May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/effects ingestion	May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Immediate medical attention and special treatment, if necessary

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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SECTION 5: Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media Do not use water jet.

Specific hazards arising from the chemical

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

Special protective equipment and precautions for fire-fighters

Protection during firefighting Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

General measures Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions Prevent entry to sewers and public waters.

Methods and material for containment and cleaning up

For containment Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.

Methods for cleaning up Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

Reference to other sections For further information refer to section 8: "Exposure controls/personal protection"

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SECTION 7: Handling and storage

Precautions for safe handling

Precautions for safe handling Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.

Hygiene measures Wash contaminated clothing before reuse. Always wash hands after handling the product.

Conditions for safe storage, including any incompatibilities

Storage conditions Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and well-ventilated place. Do not freeze.

SECTION 8: Exposure controls/personal protection

Control parameters

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No additional information available

Appropriate engineering controls

Appropriate engineering controls Ensure good ventilation of the work station.

Environmental exposure controls Avoid release to the environment.

Individual protection measures/Personal protective equipment

Hand protection: Wear suitable gloves

Eye protection: Safety glasses or goggles are recommended when using product.

Skin and body protection: Wear suitable protective clothing

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Other information: Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Color	Opaque/Dark Brown
Odor	Marine-like
Odor threshold	No data available
pH	7.3
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Relative evaporation rate (butyl acetate=1)	No data available
Flammability (solid, gas)	Not flammable
Vapor pressure	No data available
Relative vapor density at 20 °C	No data available
Specific gravity	1.08
Solubility	100%
Partition coefficient n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosion limits	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Density	9

SECTION 10: Stability and reactivity

Reactivity	No dangerous reactions known under normal conditions of use.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	No dangerous reactions known under normal conditions of use.
Conditions to avoid	Heat
Incompatible materials	None known
Hazardous decomposition products	May include, and are not limited to: oxides of carbon.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	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
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified
Viscosity, kinematic	No data available
Symptoms/effects after inhalation	May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	May cause skin irritation. Repeated exposure may cause skin dryness or cracking.

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Symptoms/effects after eye contact	May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/effects after ingestion	May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Other information	Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12: Ecological information

Toxicity

Ecology - general May cause long-term adverse effects in the aquatic environment.

Persistence and degradability

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Persistence and degradability Not established.

Bioaccumulative potential

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Bioaccumulative potential Not established.

Mobility in soil

No additional information available

Other adverse effects

Other information No other effects known.

SECTION 13: Disposal considerations

Disposal methods

Product/Packaging disposal recommendations Dispose in a safe manner in accordance with local/national regulations. Recycle empty containers where allowed.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated

SECTION 15: Regulatory information

US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

International regulations

No additional information available

US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

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Indications of change	Composition, GHS Classification

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