

SAFETY DATA SHEET

Tank's Green Stuff 100% Organic Compost

Prepared in accordance with the OSHA Hazard Communication Standard, 29 CFR 1910.1200 (as revised May 20, 2024)

Date of preparation: September 30, 2026 | Version 1.0

SECTION 1: IDENTIFICATION

Product identifier	Tank's Green Stuff 100% Organic Compost
Other means of identification	TGS Organic Compost; Tank's Green Stuff Compost
Product type	Mixture — finished compost (composted organic materials)
Recommended use	Soil amendment for gardening, landscaping, agriculture and turf; component of potting and planting mixes.
Restrictions on use	Not for human or animal consumption. Use only as directed.
Supplier	The Fairfax Companies LLC 1360 North Kolb Road Tucson, AZ 85715 USA
Telephone	520-290-2313
24-hour emergency telephone	Jason Tankersley — 520-954-9300

SECTION 2: HAZARD(S) IDENTIFICATION

Classification	This product is not classified as hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Signal word	None
Hazard statement(s)	None
Pictogram(s)	None
Precautionary statement(s)	Avoid breathing dust. Wash hands thoroughly after handling. Wear eye protection and gloves when handling large quantities or in dusty conditions.
Hazards not otherwise classified (HNOC)	None identified.
Other hazards	Dust from dry material may cause mechanical irritation of the eyes, nose, throat and upper respiratory tract. As a natural biological product, compost contains naturally occurring microorganisms, including bacteria and fungi (molds). Inhaling dust or spores may cause allergic or respiratory reactions in sensitive individuals. Persons with asthma, allergies or weakened immune systems should avoid breathing dust.
Unknown acute toxicity	Not applicable.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance/mixture: Mixture

Component	CAS No.	Typical content (as received, by weight)
Composted organic matter	Not applicable	Approx. 28% (organic matter)
Naturally occurring mineral matter (soil minerals / ash fraction)	Not applicable	Approx. 48%
Water	7732-18-5	Approx. 25%

Typical values are from laboratory analysis (see Section 16) and vary naturally from batch to batch. No ingredient is present at or above the concentration at which it would be classified as hazardous under 29 CFR 1910.1200. The mineral fraction may contain naturally occurring crystalline silica (quartz, CAS 14808-60-7), which is bound in the moist product and is not expected to be released as respirable dust under normal conditions of use. No components are withheld as trade secrets.

SECTION 4: FIRST-AID MEASURES

Inhalation	Move the person to fresh air. If coughing, wheezing or breathing difficulty persists, get medical attention.
Eye contact	Flush eyes with plenty of clean running water for at least 15 minutes, holding the eyelids open. Do not rub the eyes. Do not try to remove particles embedded in the eye. Get medical attention if irritation or redness persists.
Skin contact	Wash with soap and water. Clean any cuts or abrasions that came into contact with the product thoroughly. Get medical attention if irritation develops.
Ingestion	Rinse mouth with water. Do not induce vomiting. Give water to drink if the person is conscious. Get medical attention if symptoms develop.
Most important symptoms and effects	Mechanical eye irritation; coughing or sneezing from dust; allergic reactions in sensitive individuals.
Immediate medical attention / special treatment	Not normally required. Treat symptomatically. Wounds contaminated with soil or compost carry a risk of infection; tetanus immunization status should be considered.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water (preferred), water spray, foam, carbon dioxide, dry chemical, sand or soil.
Unsuitable extinguishing media	None known.
Specific hazards arising from the product	Not flammable. The product does not readily ignite or sustain burning under normal conditions. If involved in a surrounding fire, organic matter may char or smolder and give off smoke, carbon monoxide and carbon dioxide.
Special protective equipment and precautions for fire-fighters	Use extinguishing media appropriate for the surrounding fire. Wear self-contained breathing apparatus and full protective gear. Soak any charred or smoldering material thoroughly with water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions and protective equipment	Avoid creating and breathing dust. Wear eye protection and gloves; use a NIOSH-approved particulate respirator (N95 or better) in dusty conditions.
Emergency procedures	None required for small spills.
Methods and materials for containment and clean-up	Lightly mist with water to control dust. Shovel or sweep up and place in a container for reuse as a soil amendment or for disposal. Avoid dry sweeping in enclosed spaces.
Environmental precautions	Keep large quantities out of storm drains, sewers and waterways; nutrients can contribute to algae growth in surface waters.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Minimize dust generation. Avoid contact with eyes and prolonged contact with skin. Do not eat, drink or smoke while handling. Wash hands thoroughly after handling and before eating.
Conditions for safe storage	Store bagged product in a cool, dry, ventilated area. Store bulk product in piles of limited height with access for equipment; monitor large piles for heating.
Incompatible materials	Strong oxidizing agents.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**Occupational exposure limits**

Component	OSHA PEL (8-hr TWA)	ACGIH TLV (8-hr TWA)
Particulates not otherwise regulated (nuisance dust)	15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)	10 mg/m ³ (inhalable) 3 mg/m ³ (respirable)
Crystalline silica, quartz (if present as respirable dust)	50 µg/m ³ (respirable), 29 CFR 1910.1053	0.025 mg/m ³ (respirable)

Engineering controls	Use general ventilation. Wet material or use dust-suppression methods to keep airborne dust below exposure limits.
Eye / face protection	Safety glasses with side shields; goggles in dusty conditions.
Skin / hand protection	Work gloves recommended to avoid prolonged skin contact and cuts from foreign material.
Respiratory protection	Not normally required. Where dust is generated, use a NIOSH-approved particulate respirator (N95 or better).
Hygiene measures	Wash hands after handling. Practice good housekeeping to limit dust accumulation.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid (moist, granular organic material)
Color	Dark brown to black
Odor	Earthy
Melting point / freezing point	Not applicable
Boiling point or initial boiling point and boiling range	Not applicable
Flammability	Not flammable; not classified as a flammable solid under 29 CFR 1910.1200
Lower and upper explosion limit / flammability limit	Not applicable
Flash point	Not applicable (solid)
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
pH	8.55 (as received)
Kinematic viscosity	Not applicable (solid)
Solubility	Organic matter insoluble in water; contains water-soluble salts (EC5 3.7 mmhos/cm, dry weight)
Partition coefficient: n-octanol/water	Not applicable (mixture)
Vapor pressure	Not applicable
Density and/or relative density	Bulk density 52 lb/ft ³ (approx. 833 kg/m ³) as received; 39 lb/ft ³ dry weight
Relative vapor density	Not applicable
Particle characteristics	Particle size distribution (% by weight): 0.0% greater than 6.3 mm; 3.8% 4.0–6.3 mm; 16.2% 2.0–4.0 mm; 80.0% less than 2.0 mm.

Other information	Moisture content: 24.6% (as received) Organic matter: 27.7% as received (36.8% dry weight) Carbon-to-nitrogen (C/N) ratio: 15
--------------------------	---

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Not reactive under normal conditions of use and storage.
Chemical stability	Stable. Product is biologically active and decomposes slowly over time; laboratory respirometry rates this product as very stable.
Possibility of hazardous reactions	None known. Hazardous polymerization will not occur.
Conditions to avoid	Allowing large bulk piles to dry out and overheat.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Carbon monoxide and carbon dioxide if heated in a surrounding fire. Small amounts of ammonia and carbon dioxide may be released during storage through biological activity.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely routes of exposure	Inhalation of dust, eye contact, skin contact. Ingestion is unlikely.
Acute toxicity	Not classified. No data on the product as a whole.
Skin corrosion / irritation	Not classified. Prolonged contact may cause dryness or mild irritation.
Serious eye damage / irritation	Not classified. Dust may cause temporary mechanical irritation.
Respiratory or skin sensitization	Not classified. Naturally occurring mold spores and organic dust may cause allergic reactions in sensitive individuals.
Germ cell mutagenicity	Not classified.
Carcinogenicity	The product is not listed as a carcinogen by NTP, IARC or OSHA. Respirable crystalline silica is classified by IARC (Group 1) and NTP (known human carcinogen); it is not expected to be released in respirable form from this product under normal conditions of use.
Reproductive toxicity	Not classified.
Specific target organ toxicity (single / repeated exposure)	Not classified. Repeated heavy exposure to organic dust may affect the respiratory system.
Aspiration hazard	Not applicable.
Symptoms	Eye irritation, coughing, sneezing; allergic symptoms in sensitive individuals.
Pathogen testing (see Section 16)	Fecal coliform: less than 7.5 MPN/g — Pass Salmonella: less than 3 MPN/4 g — Pass

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Not classified. Not expected to be harmful to aquatic or terrestrial organisms when used as directed.
Persistence and degradability	Organic fraction is biodegradable.
Bioaccumulative potential	Not expected to bioaccumulate.
Mobility in soil	Low. Soluble nutrients may leach with water.

Other adverse effects	Runoff of large quantities into surface water may add nutrients that promote algae growth. Metal concentrations are below U.S. EPA 40 CFR Part 503 limits (see Section 15).
------------------------------	---

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods	Preferred: use as intended as a soil amendment. Otherwise dispose of in accordance with all applicable federal, state and local regulations.
Contaminated packaging	Empty bags may be recycled where facilities exist or disposed of as ordinary solid waste.

SECTION 14: TRANSPORT INFORMATION

U.S. DOT	Not regulated as a hazardous material.
IMDG / IATA	Not regulated as dangerous goods.
UN number / proper shipping name / hazard class / packing group	Not applicable.
Environmental hazards (marine pollutant)	No.
Special precautions	None.

SECTION 15: REGULATORY INFORMATION

OSHA Hazard Communication Standard	Not a hazardous chemical under 29 CFR 1910.1200.
SARA Title III, Sections 311/312	No hazard categories apply.
SARA Title III, Section 313	This product contains no chemicals subject to reporting requirements.
CERCLA	No reportable quantities apply.
U.S. EPA 40 CFR Part 503 (metals)	Laboratory analysis shows all EPA-regulated metals below their limits (see table below).

Metals analysis (mg/kg, dry weight) compared with U.S. EPA 40 CFR Part 503 limits

Metal	Result	EPA limit	Status
Arsenic (As)	2.3	41	Pass
Cadmium (Cd)	Less than 1.0	39	Pass
Copper (Cu)	43	1,500	Pass
Lead (Pb)	12	300	Pass
Mercury (Hg)	Less than 1.0	17	Pass
Molybdenum (Mo)	2.6	75	Pass
Nickel (Ni)	13	420	Pass
Selenium (Se)	Less than 1.0	100	Pass
Zinc (Zn)	84	2,800	Pass

SECTION 16: OTHER INFORMATION

Date of preparation	September 30, 2026
----------------------------	--------------------

Version / revision history	Version 1.0. New SDS for this product in the 16-section format of 29 CFR 1910.1200 (2024 revision). Supersedes all earlier data sheets for this product.
NFPA 704 rating	Health 1 · Flammability 1 · Instability 0
HMIS rating	Health 1 · Flammability 1 · Physical hazard 0
Supporting laboratory data	Control Laboratories, Inc. (Watsonville, CA), compost analysis report dated September 17, 2026; sample "Tanks Green Stuff 100% Organic Compost," lot TGS082026, lab no. 6090023-1/1, tested in accordance with TMECC (Test Methods for the Examination of Composting and Compost) procedures.
Prepared by	The Fairfax Companies LLC, 1360 North Kolb Road, Tucson, AZ 85715 · 520-290-2313
Abbreviations	ACGIH: American Conference of Governmental Industrial Hygienists; CAS: Chemical Abstracts Service; EC5: electrical conductivity (1:5 extract); IARC: International Agency for Research on Cancer; MPN: most probable number; NIOSH: National Institute for Occupational Safety and Health; NTP: National Toxicology Program; PEL: permissible exposure limit; TLV: threshold limit value; TWA: time-weighted average.

Disclaimer: The information in this Safety Data Sheet is believed to be accurate as of the date of preparation and is based on current knowledge and laboratory analysis of representative samples. Compost is a natural product and its properties vary from batch to batch. This information is provided as a guide for safe handling and does not constitute a warranty, express or implied. Users are responsible for determining the suitability of this product for their particular purposes and for complying with all applicable laws and regulations.