


Section 1. Identification

Product Identifier	Nashville Class A EQ Biosolid
Common Name/Synonym	Soil Amendment, Fertilizer, Alternative Fuel
Product Use/Restrictions	Granular fertilizer
Manufacturer Contact Information	Metropolitan Government of Nashville and Davidson County Department of Water and Sewerage Services 1600 Second Avenue North Nashville, TN 37208 615-862-4885
Distributor Contact Information	Tycowa, LLC 4714 Mt Zion Rd Springfield, TN 37172 615-533-3981 or 615-533-3980
Emergency Contact	Chemtrec 800-424-9300

Section 2. Hazard(s) Identification

Signal Word	Warning
Hazard Statements	Causes skin irritation Causes serious eye irritation May cause respiratory irritation
Symbol	
Precautionary Statements	Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Wear protective gloves. Wear eye protection/face protection. Wash thoroughly after handling. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Specific treatment (see supplementary first aid instructions on this Safety Data Sheet). If inhaled: removed person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. If skin irritation occurs: Get medical advice/attention If eye irritation persists: Get medical advice/attention If on skin: Wash with water. Store in well-ventilated place.

Section 6. Accidental Release Measures.

Personal Precautions	Not Required.
Protective Equipment	Not Required.
Emergency Procedures	Prevent material from getting into drains, sewer, or bodies of water.
Containment and Clean up	Sweep, shovel, or use explosion resistant vacuum to clean up. Put in labeled container(s). If possible reuse product. Ensure that disposal is in compliance with local, state and federal regulations.

Section 7. Handling and Storage

Handling	Handle as fertilizer. Do not breathe dust or fumes. Wash hands after handling. Minimize dust generation. Avoid ingestion, inhalation, and contact with eyes and skin.
Storage	Store in a cool, dry area inaccessible by children and animals. Provide adequate ventilation. Prevent wetting material during storage. Bulk wetted material may generate heat. For more information on storage visit: https://www.epa.gov/biosolids/guide-field-storage-biosolids

Section 8. Exposure Control/Personal Protection

Exposure Limits (Biosolids)	OSHA PEL – No data ACGIH TLV – No data
Exposure Limits (Nuisance Dust)	OSHA Nuisance Dust Limit of 15 mg/m ³ (total) and 5 mg/m ³ (respirable) ACGIH Nuisance Dust Limit of 10 mg/m ³ (total) and 3 mg/m ³ (respirable)
Engineering Controls	Provide adequate ventilation.
Individual Protection Measures/Personal Protective Equipment	
Eye Protection	Wear goggles or safety glasses when eye contact may occur. Avoid touching eyes or face after handling product.
Skin Protection	Skin protection and/or proper hygiene, including washing hands after contact.
Respiratory Protection	In confined spaces ensure proper ventilation to maintain dust levels below threshold values. Use a cartridge mask with a filter for particulate matter if dust level is above the threshold value.
Other	Wear appropriate safety equipment for hazards encountered. Product by itself presents no specific hazard

Section 9. Physical and Chemical Properties

Description	Biosolids pellets
Appearance	Dark granules, 1mm to 4mm in diameter, free flowing
Odor	Earthy odor
Odor Threshold	None
pH	Slightly acidic
Melting Point/Freezing Point	Not Determined
Boiling Point	Not Determined
Flash Point	Not Determined
Evaporation Rate	Not Determined

For the EPA responses to several frequently asked questions please visit:
<http://www.epa.gov/biosolids/frequent-questions-about-biosolids>.

The Part 503 rule regulates the limits of pathogenic organisms, nine common metals, and compounds that attract vectors (nuisance animals which can carry diseases such as pigeons, rats, mice, cockroaches, etc) in biosolids. The rule also establishes different grades of biosolids where Class A Exceptional Quality [EQ] biosolids are material with particularly low pollutants, very stringent pathogen reductions (virtually absent of pathogens) and have a reduced level of compounds that attract vectors. For further information see the EPA publication "A Plain English Guide to the EPA 503 Biosolids Rule" available at: <https://www.epa.gov/biosolids/plain-english-guide-epa-part-503-biosolids-rule>.

The National Biosolids Partnership [NBP] has information and reference regarding the safe use of biosolids and links to applicable state regulations which may apply in your area.
<http://www.biosolids.org/>. This product will meet USEPA Class A Exceptional Quality Standards

US EPS 40 CFR 503 Metals Concentration Limits

Metals	Exceptional Quality Limits (mg/kg)
Arsenic (As)	41
Cadmium (Cd)	39
Chromium (Cr)	1200
Copper (Cu)	1500
Lead (Pb)	300
Mercury (Hg)	17
Nickel (Ni)	420
Molybdenum (Mo)*	N/A
Selenium (Se)	36
Zinc (Zn)	2800

*Molybdenum is only tracked for the ceiling concentration. There is not a separate level for EQ material

Section 12. Ecological Information

Ecotoxicity	Not Determined
Persistence and Degradability	Not Determined
Bioaccumulative Potential	Not Determined
Mobility in Soil	Not Determined
Other Adverse Effects	Not Determined
Notes	Keep out of bodies of water.

Section 13. Disposal Considerations

SDS Prepared by	Revision 1. Roy Denney. October 24, 2008 Revision 2. Taft McNeal. July 23, 2018 Revision 3. Taft McNeal. November 21, 2018
Disclaimer: This information related to this specific product for its specified uses as listed in Section 1 and may not apply to this product used in combination with other products or for other purposes. The information provided is believed to be correct as of the date compiled. No warranty, expressed or implied, regarding the merchantability, or suitability, or fitness for a particular purpose or of any other nature is provided here in. We do not accept liability for any loss or damage that may occur from the use of this information. Individuals receiving this information are expected to exercise independent judgement in determining the appropriateness for a particular use in accordance with any applicable local, state, and federal laws and regulations. Some state and local regulations may apply to the use of this material. It is the end users responsibility to ensure safe use in compliance with all local, state, and federal laws.	