SAFETY DATA SHEET

Section 1: Identification

Product Name: Ethyl p-anisate
Product ID: EANIS00100
Chemical Name/Synonyms: Ethyl anisate, ethyl 4-methoxybenzoate, ethyl p-methoxybenzoate, p-anisic acid ethyl ester, p-methoxybenzoic acid ethyl ester
CAS: 94-30-4
Molecular Formula: C10H12O3
Molecular weight: 180.20 g/mol
Potential Uses: R/D uses only
Company: BioFuran Materials LLC
920 William Pitt Way, Pittsburgh, PA 15238

In emergency call 911 or for information about this SDS, use this contact phone#: 412-376-7101

Section 2: GHS Hazard(s) Identification

Hazard Classification: This chemical is not considered hazardous under the 2012 OSHA Communication Standard

Hazard Statements: none

Signal Word(s): Warning

Pictograms:

Precautionary Statements:

P280 – Wear protective gloves / protective clothing, eye protection / face protection
P302+P351+P338 – If in your eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and rinse for at least 15 minutes.
P312 – Immediately call a poison control center or a physician if you feel unwell.

Other hazards: none

Section 3: Composition/ Information on Ingredients

Chemical Name	Synonym	CAS#	Conc.
Ethyl p-anisate	p-anisic acid ethyl ester	94-30-4	100%

Section 4: First-Aid Measures

After skin contact: Wash off with soap and plenty of water. Consult a physician.
After eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
After inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
After swallowing: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Section 5: Fire-Fighting Measures

General: Ethyl p-anisate salt is not expected to be a fire hazard.
Suitable extinguishing agents: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special protective equipment for firefighters: Do not enter fire area without proper protective equipment, including respiratory protection. Avoid contact with skin and eyes. Do not breathe dust.

Section 6: Accidental Release Measures

Personal precautions: Wear protective equipment as described in Section 8.
Measures for environmental protection: Do not dispose product in municipal sewers or drains. Notify authorities if product enters sewers or public waters.
Measures for cleaning/collecting: Pick up and arrange disposal without creating dust. Sweep up and shovel any spillages. Keep all wastes and residues in suitable, closed containers for disposal.

Section 7: Handling and Storage

Handling: Avoid contact with skin and eyes. Avoid dust formation and do not breathe dust. Provide local exhaust or general room ventilation to minimize exposure to dust.
Storage: Keep container tightly closed.
General Hygiene: Easting, drinking, and smoking in the work area is prohibited. Wash hands after use and remove contaminated clothing and protective equipment before entering eating areas.

Section 8: Exposure Controls/Personal Protection

Protection of hands: Use neoprene or nitrile rubber gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact. Dispose used gloves after use in line with good laboratory practices.
Body protection: Wear chemical resistant aprons, coveralls, or lab coats.

Eye protection: Chemical goggles with side shields conforming to NIOSH (US). Contact lenses should not be worn.
General protective and hygienic measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.
Breathing equipment: Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. NIOSH-certified P95 respirator is recommended.

Section 9: Physical and Chemical Properties

Appearance: Colorless to yellowish oil
Odor: sweet anise-like
pH: 6.8-7.5
Melting point/melting range: no data available
Boiling point/boiling range: 260-265°F
Flash point: 90-94°C
Auto ignition temperature: No data available
Danger of explosion: No data available
Vapor pressure: No data available
Relative density: 1.0-1.3g/mL
Solubility in/Miscibility with water: Sparingly soluble

Section 10: Stability and Reactivity

Reactivity: No known reactivity under normal conditions of use
Chemical stability: Stable under ambient conditions. Keep in closed container.
Conditions to avoid: Avoid exposing dust to sparks, heat, or flames.
Incompatible materials: Strong oxidizing agents
Hazardous decomposition products: oxides of carbon

Section 11: Toxicological Information

Acute toxicity: LD50, rat (oral): 2,000-2,500mg/kg
Potential routes of exposure/potential health effects
Skin: May irritate the skin
Eye: Slightly hazardous in case of eye contact
Inhalation: May cause respiratory irritation
Ingestion: Maybe harmful if swallowed
Carcinogenic effects: No data available
Mutagenic effects: Not mutagenic
Reproductive toxicity: No data available
Sensitization: No data available
Target organs: No data available

Section 12: Ecological Information

Ecotoxicity: No data available
Mobility: No data available
Biodegradation: no data available
Bioaccumulation: no data available
Bioaccumulation: no data available

Section 13: Disposal Considerations

This material or its residues should not be disposed in drains or in regular trash cans. Contact a licensed waste disposal professional to dispose this material or its residues.

Section 14: Transport Information

DOT regulations: Not dangerous goods

- **Land transport ADR/RID (cross-border):** Not regulated for transport
- **Maritime transport IMDG:** Not dangerous goods
- **Air transport ICAO-TI and IATA-DGR:** Not dangerous goods

Section 15: Regulatory Information (non-mandatory)

US Federal Regulations
SARA Section 302: This material is not subject to reporting requirements of SARA Tittle III, Section 302
SARA Section 313: This material is not subject to reporting levels established by SARA Title III, Section 313
TSCA (Toxic Substances Control Act): Ethyl p-anisate is listed on the United States TSCA

Section 16: Other Information

SDS date of preparation/update: 03/29/2021 Version 001