

Material Safety Data Sheets – U.S. Department of Labor

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200, Standard must be consulted
for specific requirements

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (*As Used on Label and List*)
Humates (also used: humus, oxidized lignite,
Leonardite)

CAS #1415-93-6

Section I

Manufacturer's Name
TEP, Inc

Emergency Telephone Number
(559)871-4565

Address (*Number, Street, City, State, and ZIP Code*)
10700 Road 30, Madera, CA 93637

Telephone Number for information
(559)871-4565

Date Prepared: **1/1/16**

Signature of Preparer (optional)

Section II – Hazard Ingredients/Identity Information

Hazardous Components (Specified Chemical
Identity; Common Name(s))

NONE

OSHA	ACGIH	Other Limits
PEL	TLV	Recommended % (optional)

Section III – Physical/Chemical Characteristics

Boiling Point **N/A**

pH **3.7**

Specific Gravity (H₂O = 1) **1.6 – 1.8**

Vapor Pressure (mm Hg.) **N/A**

Vapor Density (AIR = 1) **N/A**

Melting Point **N/A**

Solubility in Water: **Slight**

Evaporation Rate **N/A**
(Butyl Acetate = 1)

Appearance and Odor: **Dark reddish brown to
black particles and/or dust**

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used): **Non-combustible**

Extinguishing Media: **N/A**

Flammable Limits: **N/A** LEL: **N/A** UEL: **N/A**

Special Fire Fighting Procedures: **N/A**

Unusual Fire and Explosion Hazards: **NONE**

Section V – Reactivity Data

Stability Unstable Conditions to Avoid: **NONE**
 Stable **X**

Incompatibility (*Materials to Avoid*): **Urea**

Hazardous Decomposition or Byproducts: **None**

Hazardous Polymerization May Occur Conditions to Avoid
 Will Not Occur **NONE**
 X

Section VI – Health Hazard Data

Route(s) of Entry: Inhalation: **YES** Skin? **NO** Ingestion? **YES**

Health Hazards (*Acute and Chronic*): **Avoid dust inhalation. Use particulate respirator.**

Safe to ingest in small quantities.

Carcinogenicity: **Unknown** NTP? **N/A** IARC Monographs? **None Known** OSHA Regulated? **No**

Medical Conditions Generally Aggravated by Exposure: **Emphysema, allergies or upper-respiratory illnesses**

Emergency and First Aid Procedures: **Should particles get in eye, wash with approved eyewash.**

Section VII – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: **Clean-up with shovel, broom & dustpan.**

Waste Disposal Method: **Landfill or agricultural application.**

Precautions to Be taken in Handling and Storing: **No special precautions**

Other Precautions: **None**

Section VIII – Control Measures

Respiratory Protection (*Specify Type*): **Particulate respirator**

Ventilation Local Exhaust: **If in enclosed area** Special: **N/A**
 Mechanical (*General*): **Regular** Other: **N/A**

Protective Gloves: **None Required** Eye Protection: **Approved safety glasses – particulate hazard**

Other protective Clothing or Equipment: **N/A**

Work/Hygienic Practices: **Good housekeeping to minimize dust.**

Section IX – Special Precautions

This product does not contain any chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372

Section X

Shipping Name: Not regulated by DOT, IATA or IMDG

Hazard Class: None

Identification No: None

Labels Required: None Required

Placarding: None

Freight class: 50

Chemical Name: n/a

Equivalent R.Q.: n/a

Section XI – General Product Information

National Fire Protection Association Rating:

(Rating level: 4-Extremem, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 1

Fire: 0

Reactivity: 0

S.A.R.A. Title III Hazard Classification: (yes/no)

Immediate (Acute) Health: Y

Delayed (Chronic) Health: N

Sudden Release of Pressure: N

Fire: N

Reactive: N