

SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

MANUFACTURER'S NAME: **MENEFEE MINING CORPORATION** REGULAR TEL. NO. (214) 750-4696
8144 WALNUT HILL LANE, SUITE 987
DALLAS, TEXAS 75231

TRADE NAME **ESP50™**

SYNONYMS Not Applicable (n/a)

II. HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT Composed of granular sub-bituminous humic substance containing plant and animal residues.

DOT SHIPPING AND HAZARD CLASSIFICATION: Non-hazardous. Keep dust below OSHA limit of 15 mg/m³.

III. COMPOSITION / INFORMATION ON INGREDIENTS

CAS# 68514-28-3

IV. FIRST AID MEASURES

SYMPTOMS OF OVEREXPOSURE

INHALATION: Can cause irritation to mucous membranes and respiratory passages. Non-systemic.

SKIN CONTACT: None known.

SKIN ABSORPTION: None known.

EYE CONTACT: Potential mild irritation.

INGESTION: None known. The LD₅₀ in acute oral toxicity studies is greater than 6,000 mg/kg. Large quantities can cause gastrointestinal irritation.

EFFECTS OF OVEREXPOSURE:

ACUTE OVEREXPOSURE: Expected toxicity hazard none to slight.

CHRONIC OVEREXPOSURE: Expected toxicity hazard none to slight.

EMERGENCY AND FIRST AID PROCEDURES

EYE: Flush with water.

SKIN: Wash with water.

INHALATION: If discomfort results, seek medical attention.

INGESTION: Due to the presence of iron salts, call a physician if large quantities are ingested.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE none known

NOTES TO PHYSICIAN Minimum iron content is less than 1.0%

SUSPECTED CANCER AGENT?

X NO YES This product's ingredients are not found in the lists below.
___ Federal OSHA ___ NTP ___ IARC ___ TX/OSHA

V. FIRE AND EXPLOSION DATA

FLASH / FIRE POINT >430°F (non-flammable)

AUTOMATION TEMPERATURE n/a

FLAMMABLE LIMITS IN AIR, % BY VOL: LOWER : n/a UPPER: n/a

EXTINGUISHING MEDIA water, foam, CO₂

SPECIAL FIRE FIGHTING PROCEDURES none

UNUSUAL FIRE AND EXPLOSION HAZARDS none

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VI. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED	Sweep up. Wash with water.
NEUTRALIZATION CHEMICALS	Non-Toxic. Non-corrosive.
WASTE DISPOSAL METHODS	Follow all applicable federal, state and local regulations.

VII. HANDLING & STORAGE

PRECAUTIONARY STATEMENTS	Do not breathe dust. Avoid contact with eyes. Do not ingest.
OTHER HANDLING AND STORAGE EQUIPMENT:	Store in a dry area. Keep out of reach of children.

VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION REQUIREMENTS	Provide local or general ventilation to keep dust below OSHA nuisance limit of 15 mg/m ³ .
SPECIFIC PERSONAL PROTECTIVE EQUIPMENT	
RESPIRATORY (SPECIFY IN DETAIL):	NIOSH/MSHA approved respirator
EYE:	Safety goggles
GLOVES:	None required
OTHER CLOTHING AND EQUIPMENT:	None required

IX. PHYSICAL & CHEMICAL PROPERTIES

BOILING POINT, 760 MM HG	n/a	MELTING POINT	n/a
SPECIFIC GRAVITY		VAPOR PRESSURE	n/a
VAPOR DENSITY (AIR=1)	n/a	SOLUBILITY IN H ₂ O, % BY WT.	99%
% VOLATILES BY VOL	n/a	BULK DENSITY	25 LB/CU.FT.
APPEARANCE AND ODOR	Dark brown to black granules/powder. Approximately 35 MICRON		

X. STABILITY & REACTIVITY

STABILITY	Stable under normal warehouse conditions.
INCOMPATIBILITY (materials to avoid)	None known
HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS	None known
HAZARDOUS POLYMERIZATION	None known

XI. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	None known
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PREPARED BY

MENEFEE MINING CORPORATION 8144 WALNUT HILL LANE, SUITE 987 DALLAS, TEXAS 75231	DATE	March 4, 2016
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All information, recommendations and suggestions appearing herein concerning this product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of this product. Since the actual use by others is beyond our control, we make no guarantee, expressed or implied, as to the effects of such use, the results to be obtained, or the safety and toxicity of the product. This information is not to be construed as absolutely complete, since additional information may be necessary or desirable when exceptional conditions or circumstances exist or because of applicable laws or government regulations.