

SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION	
MANUFACTURER'S NAME:	MENEFEE MINING CORPORATION 8144 WALNUT HILL LANE, SUITE 987 DALLAS, TEXAS 75231
	REGULAR TEL. NO. (214) 750-4696
TRADE NAME	Menefee Humate®
SYNONYMS	MH 300, MH200, MH 150
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/m ³ .
III. COMPOSTION / 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 LD ₅₀ 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
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	none known
NOTES TO PHYSICIAN	Minimum iron content is less than 1.0%
SUSPECTED CANCER AGENT?	
<input checked="" type="checkbox"/> NO	This product's ingredients are not found in the lists below. ___ Federal OSHA ___ NTP ___ IARC ___ TX/OSHA
<input type="checkbox"/> YES	
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, CO ₂
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/m³.

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

MENEFEE HUMATE (MH300) SGN 280; 80% > SGN 200

SOLUBILITY IN H₂O, % BY WT.

Less than 1%

MENFEE HUMATE (MH200/150) SGN 140; 80% > SGN 100

BULK DENSITY

65 lbs./Cu. Ft.

10 grams/12.5 cubic centimeters

APPEARANCE

Dark Brown Granular

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

PREPARED BY:

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DALLAS, TEXAS 75231

DATE

March 23, 2017

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.