

# MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION			
MANUFACTURERS' NAME:	<b>MENEFEE MINING CORPORATION</b> 8144 WALNUT HILL LANE, SUITE 1075 DALLAS, TEXAS 75231	REGULAR TEL. NO.	(214) 750-4696
TRADE NAME	<b>Grow-Plex SP™</b>		
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/m <sup>3</sup> .		
CAS#	68514-28-3		
III. PHYSICAL DATA			
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 <sup>2</sup> 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		
IV. 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 <sub>2</sub>		
SPECIAL FIRE FIGHTING PROCEDURES	none		
UNUSUAL FIRE AND EXPLOSION HAZARDS	none		
V. HEALTH HAZARD INFORMATION			
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 <sub>50</sub> 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.		

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## V. HEALTH AND HAZARD INFORMATION [CONTINUED]

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE none known

NOTES TO PHYSICIAN Minimum iron content is less than 1.0%

SUSPECTED CANCER AGENT?  
X NO This product's ingredients are not found in the lists below.  
YES \_\_\_ Federal OSHA \_\_\_ NTP \_\_\_ IARC \_\_\_ TX/OSHA

## VI. REACTIVITY DATA

STABILITY Stable under normal warehouse conditions.

INCOMPATIBILITY (materials to avoid) None known

HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS None known

HAZARDOUS POLYMERIZATION None known

## VII. SPILL, LEAK AND DISPOSAL PROCEDURES

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.

## VIII. SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS Provide local or general ventilation to keep dust below OSHA nuisance limit of 15 mg/m<sup>3</sup>.

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. SPECIAL PRECAUTIONS

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.

PREPARED BY MENELEE MINING CORPORATION DATE September 15, 2010  
8144 WALNUT HILL LANE, SUITE 1075  
DALLAS, TEXAS 75231

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.