MATERIAL SAFETY DATA SHEET

PRODUCT INFORMATION

PRODUCT IDENTIFIER **EARTHEART Go Grape 8 - 36 - 8**
WATER SOLUBLE FERTILIZER

SECTION I

PRE BLENDED MATERIALS

MANUFACTURER NAME & ADDRESS
Dakota Minerals
1150 Hillside Drive
Rapid City, South Dakota
57703-4040

EMERGENCY PHONE NUMBER **1 - 800 - 232 - 2562**

PRODUCT USE **WATER SOLUBLE PLANT FOOD**

SECTION II - HAZARDOUS INGREDIENT / IDENTITY INFORMATION

COMPONENTS - (CHEMICAL IDENTITY ; COMMON NAME)
M.A.P. , PHOSPHATE , MONO - SALT CAS 7722-76-1 37.8%
COMPOUND OF SULFATE AND POTASSIUM SALTS, KNO_3 - AMM. SULFATE ($(NH_4)_2SO_4$)

NH (NON - HAZARDOUS)
KELP/SEAWEED (Ascophyllum nodosum), FIBEROUS SEA PLANT,
HUMIC ACIDS, HUMUS, LEONARDITE - .124 %

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT : N/A **SPECIFIC GRAVITY :** 1.63
VAPOR PRESSURE (MM Hg) : N/A **VAPOR DENSITY :** N/D
MELTING POINT : GREATER THAN 1000 DEGREES C.
EVAPORATION RATE : N/D **pH :** 5.00 (10 % SOLUTION)
FREEZING POINT : N/A **SOLUBILITY IN WATER :** 1.01 g/ml
APPEARANCE : SOLID WHITISH COLOR;BLACK;LIGHT BLUE/GREEN
YELLOW & BROWN CRYSTALLINE.
ODOR : PUNGENT MUSK / AMMONIA / SWEET **SIZE :** 96 % THRU 80 MESH SIEVE

SECTION IV - FIRE & EXPLOSION DATA

FLASH POINT : N/A **FLAMMABLE LIMITS :** N/A **LEL :** N/A
EXTINGUISHING MEDIA : NON-FLAMMABLE **UEL :** N/A
SPECIAL FIRE FIGHTING PROCEDURES : DOES NOT BURN. WEAR SCBA AND FULL PROTECTIVE CLOTHING IF PRODUCT IS NEAR FIRE.

MAY RELEASE CARBON MONOXIDE; AMMONIA; CARBON DIOXIDE; THE OXIDES OF NITROGEN, PHOSPHOROUS, CITRATE OR SULFUR DIOXIDE WHEN DECOMPOSED NEAR COMBUSTION .
UNUSUAL FIRE & EXPLOSION HAZARDS : NONE

SECTION V - REACTIVITY DATA

STABILITY : STABLE WHEN DRY **UNSTABLE :** N/A
CONDITIONS TO AVOID : WET OR MOIST - HIGH HEAT
INCOMPATIBILITY : STRONG ACIDS - STRONG ALKALIS - PESTICIDES
HAZARDOUS POLYMERIZATION : CONDITIONS TO AVOID - N/A

SECTION VI - HEALTH HAZARD/TOXICOLOGICAL

ROUTE(S) OF ENTRY : INHALATION
LOW VAPOR ACTIVITY : IF HEATED COULD RELEASE GASSES
SKIN : ABSORPTION UNKNOWN
INGESTION : EXCESSIVE DOSES WOULD CAUSE G.I. IRRITATION
CARCINOGENICITY/NTP/IARC MONOGRAPHS/OSHA REGS. : NONE KNOWN AS PROBABLE
REPRODUCTION EFFECTS / MUTAGENICITY : NONE KNOWN
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE : NONE
EMERGENCY AND FIRST AID PROCEDURES :
SKIN CONTACT : PROLONGED EXPOSURE COULD CAUSE IRRITATION
EYE CONTACT : DUST IRRITATION COULD OCCUR FLUSH WITH WATER

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

ITEM# 068140 SUB 5 - D.O.T. CLASS 50 OR NOT REGULATED

PROCEDURE FOR LEAK OR SPILL : SWEEP OR CONTAIN SPILLED MATERIAL; HOSE OR SPRAY; SOLUBLE IN WATER
WASTE DISPOSAL METHOD : DISPOSE IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS - READILY SOLUBLE IN WATER
STORAGE AND HANDLING PRECAUTIONS : KEEP OUT OF REACH OF CHILDREN ; STORE IN A COOL DRY PLACE ; AVOID PROLONGED PERSONAL CONTACT
OTHER PRECAUTIONS : USE STANDARD HYGIENE PRACTICES

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION : DUST MASK OR RESPIRATOR FOR PROLONGED CONTACT
VENTILATION : LOCAL AND MECHANICAL AS REQUIRED FOR DUST
SPECIAL : N/A **PROTECTIVE GLOVES :** N/A
EYE PROTECTION : GOGGLES FOR EXTREME DUST CONDITIONS
OTHER PROTECTIVE CLOTHING OR EQUIPMENT : N/A
WORK / HYGIENIC PRACTICES : STANDARD HYGIENE PRACTICES

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