

MATERIAL SAFETY DATA SHEET**PRODUCT INFORMATION**

PRODUCT IDENTIFIER

**EARTHEART 29 - 0 - 0
GRANULAR FERTILIZER****SECTION I**

PRE BLENDED MATERIALS

MANUFACTURER NAME
& ADDRESSDakota Minerals Inc.
P.O. Box 5088
Rapid City, South Dakota
57709-5088

EMERGENCY PHONE NUMBER

1 - 800 - 232 - 2562

PRODUCT USE :

LAWN & TURF PLANT FOOD

SECTION II - HAZARDOUS INGREDIENT / IDENTITY INFORMATION**NH (NON - HAZARDOUS)**

COMPONENTS - (CHEMICAL IDENTITY ; COMMON NAME) COMPOUND OF NITRATE AND AMMONICAL NITROGEN; PLANT PROTEIN BY-PRODUCTS (PLANT PROTEIN EXTRACTED); AND 00.25 % M.A.P.

NH (NON - HAZARDOUS)

KELP/SEAWEED (Ascophyllum nodosum), FIBEROUS SEA PLANT; HUMIC ACIDS, HUMUS, LEONARDITE - 13.130 %; IRON SULFATE; FERROUS SULFATE.

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT : N/A

SPECIFIC GRAVITY : N/A

VAPOR PRESSURE (MM Hg) : N/A VAPOR DENSITY : N/D

MELTING POINT : GREATER THAN 120 DEGREES C.

EVAPORATION RATE : N/D

pH : 7.5 (10 % SOLUTION)

FREEZING POINT : N/A

SOLUBILITY IN WATER : 0.10 g/ml

APPEARANCE : BLACK/BROWN ; LIGHT TAN & BROWN GRANULES

ODOR : DIRT ; SLIGHTLY PUNGENT ; IRON

SIZE : 96 % THRU 10 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 : SLOW IGNITION. WEAR SCBA AND FULL PROTECTIVE CLOTHING IF PRODUCT IS NEAR FIRE.

MAY RELEASE CARBON MONOXIDE; AMMONIA; CARBON DIOXIDE; THE OXIDES OF NITROGEN, 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

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

D.O.T. CLASS 50 OR NOT REGULATED

PROCEDURE FOR LEAK OR SPILL : SWEEP OR CONTAIN SPILLED MATERIAL; HOSE OR SPRAY; NOT SOLUBLE IN WATER

WASTE DISPOSAL METHOD : DISPOSE IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS - NOT 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: DUSTMASK 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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