

**MATERIAL SAFETY DATA SHEET****SECTION I****PRODUCT INFORMATION**

PRODUCT IDENTIFIER

**ROSE POWER 15-5-25****WATER SOLUBLE FERTILIZER****PRE BLENDED MATERIALS**MANUFACTURER NAME  
& ADDRESSMorganics  
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 NITRATE AND POTASSIUM SALTS, KNO<sub>3</sub> CAS 7778-80-5AMM. SULFATE ((NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub>) CAS 7783-20-2

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 FREEZING POINT : N/A

pH : 5.63 ( 10 % SOLUTION ) SOLUBILITY IN WATER : 1.01 g/ml SIZE : 96 % THRU 80 MESH SIEVE

APPEARANCE : SOLID WHITISH COLOR;BLACK;LIGHT BLUE/GREEN ODOR : PUNGENT MUSK / AMMONIA /  
YELLOW & BROWN CRYSTALLINE. SWEET**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 &amp; EXPLOSION HAZARDS : NONE

**SECTION V****REACTIVITY DATA**

STABILITY : STABLE WHEN DRY

CONDITIONS TO AVOID : WET OR MOIST - HIGH HEAT

UNSTABLE : N/A

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**

**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

THIS INFORMATION IS SUPPLIED IN GOOD FAITH. NO WARRANTY, IMPLIED OR EXPRESSED.