

SAFETY DATA SHEET

SUBERIZE Seed Treatment

Date of Issue: 14th February 2018

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Chemical name of active ingredient(s): A flowable Bark based powder containing 3% protein-polysaccharide complex

Recommended use: Potato seed treatment and suberization aid.

Supplier: **Agrisource 2000 Limited**
45 Kitchener Road
Pukekohe
Phone: 09 237 0422

Emergency telephone number: **0800 Poison (0800 764 766) 24 Hours**

Section 2. HAZARDOUS INGREDIENTS

WOOD or BARK Dust/Wood Particles: SEQ-34-4

Applicable Exposure Limits;

W.I.S.H.A. PEL-W.I.S.H.A

Non-allergenic

Wood dust 5mg/m³

O.S.H.A.

PEL-O.S.H.A.

Hardwood 5mg/m³

Softwood 5mg/m³

STEL 10mg/m³

ACGIH

TLV-Biological Exposure Index

Hardwood 1mg/m³

Softwood 5mg/m³

STEL 10mg/m³

Section 3. PHYSICAL PROPERTIES

BOILING POINT: None;

SPECIFIC GRAVITY (water = 1): < 1;

VAPOR PRESSURE: None;

PERCENT VOLATILE: None;

MELTING POINT: None;

SOLUBILITY IN WATER: Slight;

EVAPORATION RATE: None;

pH: ~7.0;

APPEARANCE AND ODOR: Tan to brown.

Section 4. HEALTH HAZARD INFORMATION

SIGNS AND SYMPTOMS OF EXPOSURE: Exposure to dust can produce allergic reactions in sensitive individuals. Allergic responses include dermatitis as a result of skin contact and respiratory irritation, nasal dryness, coughing, wheezing, sneezing, or breathing difficulties as a result of inhalation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Respiratory conditions and allergies. Sinusitis and prolonged colds have also been reported.

CHRONIC EFFECTS: Wood or bark dust, depending upon species, may cause dermatitis or prolonged, repetitive contact may cause respiratory sensitization and/or irritation. Prolonged exposure to wood or bark dust has been reported by some observers to be associated with nasal cancer. Bark dust is not listed as carcinogen by IARC, ACGIH, NPT or OSHA.

EMERGENCY FIRST AID PROCEDURES:

EYES: Flush with water to remove dust particles. If irritation persists get medical attention.

SKIN: Seek medical attention if a rash, dermatitis or other skin disorders occur.

INGESTION: None;

INHALATION: Remove to fresh air. If irritation or other symptoms persist, consult a physician. The International Agency for Research on Cancer (IARC) has classified wood dust as a nasal carcinogen.

Section 5. FIRE AND EXPLOSION DATA

FLASH POINT: None;

AUTO-IGNITION TEMPERATURE: Variable (typically 400-500 degrees F);

EXPLOSIVE LIMIT IN AIR: 40 grams/m³ (LEL);

EXTINGUISHING MEDIA: Water, Carbon Dioxide, Halon, Dry Chemical, Sand, Foam.

SPECIAL FIRE FIGHTING PROCEDURE: Use water mist to wet down dust to reduce the likelihood of ignition or dispersion of dust into air. Remove burned or wet dust to open area after fire is extinguished.

UNUSUAL FIRE AND EXPLOSION HAZARD: Wood or Bark dust may present a strong to severe explosion hazard if dust cloud contacts an ignition source.

Section 6. SPILL-LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIALS RELEASED OR SPILLED. Sweep or vacuum up spills for recovery disposal. Avoid creating dust conditions. Do not use compressed air. Provide for good ventilation. Place recovered wood or bark dust in a container for proper disposal.

WASTE DISPOSAL METHOD: Dispose in a landfill or incinerator in accordance with local, state and federal regulations.

Section 7. REACTIVITY DATA

STABILITY: Stable under normal conditions.

INCOMPATIBILITY: Avoid strong oxidizing agents and drying oils.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal-oxidative degradation of wood or bark produces irritating and toxic fumes and gases, including CO, aldehydes and organic acids.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Wood or bark dust is extremely combustible. Keep away from ignition sources.

Section 8. SPECIAL PROTECTION INFORMATION

PERSONAL PROTECTIVE EQUIPMENT: Wear goggles or safety glasses and other protective equipment such as gloves and NIOSH approved breathing protection for exposure to wood or bark dust. Respirators are required if air contaminations exceed ACGIH TVL.

VENTILATION: Provide adequate general and exhaust ventilation to maintain healthful working condition. Due to explosive potential of wood or bark dust when suspended in air, precautions should be taken to prevent sparks or other ignition sources in ventilation and equipment.

Disclaimer EXCLUSION OF LIABILITY: PLEASE READ

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