



# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT IDENTIFICATION AND USE

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|                             |                            |                         |                      |
|-----------------------------|----------------------------|-------------------------|----------------------|
| <b>PRODUCT IDENTIFIER:</b>  | Earth Booster              |                         |                      |
| <b>PRODUCT USE:</b>         | Soil Amendment             | <b>SUPPLIER'S NAME:</b> | Same as manufacturer |
| <b>MANUFACTURER'S NAME:</b> | Agrisol Manufacturing Inc. | <b>ADDRESS:</b>         | Same as manufacturer |

**ADDRESS:** 3254-B, 262 Street  
Alder grove, BC  
V4W 2X2  
Canada

**Emergency Phone No:** 1(604) 805-2417

## SECTION 2 – INGREDIENTS

| INGREDIENTS   | CAS # | LD <sub>50</sub> OF INGREDIENT<br>(SPECIFY SPECIES & ROUTE) |
|---|-------|---|
| Leonardite (Active 80AG Humic Acid) & naturally occurring Minerals. | NAP   | NAP   |

## SECTION 3 – FIRST AID MEASURES

**INHALATION:** Inhalation of dust alone is unlikely to result in an emergency situation. If necessary, use adequate respirator protection and remove victim to fresh air. Get prompt medical attention if breathing difficulty is experienced.

**SKIN CONTACT:** First aid is usually not necessary.

**EYE CONTACT:** Flush eyes with plenty of water to remove residue dust particles. Get medical attention if irritation persists.

**INGESTION:** Very unlikely.

**Work Hygienic Practices:** Wash hands and clothing after handling product.

## SECTION 4 – FIRE & EXPLOATION DATE

**FLAMMABLE:** Not considered as fire hazard.

**IF YES, UNDER WHAT CONDITIONS?** Product is not combustible. Not considered as explosion hazard.

**MEANS OF EXTINCTION:** Use media appropriate for surrounding fire.

**SPECIAL PROCEDURES:** Use protective clothing and breathing equipment appropriate for surrounding fire.

**AUTOIGNITION TEMPERATURE (°C):** Not considered as fire hazard.

**LOWER & UPPER FLAMMABLE LIMIT (% by volume):** Not considered as fire hazard.

**HAZARDOUS COMBUSTION PRODUCTS:** Not Applicable.

**SENSITIVITY TO IMPACT:** Not sensitive.

**SENSITIVITY TO STATIC DISCHARGE:** Not sensitive.

## SECTION 5 – ACCIDENTAL RELEASE DATA

**LEAK AND SPILL PROCEDURE:** Small spills should be picked up with a broom and dustpan. Large spills should be vacuumed or shoveled into suitable containers for disposal or reclamation.

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**SECTION 6 – STORAGE & HANDLING**

**STORAGE:** Store in dry place. Keep product containers closed or covered when possible.

**HANDLING:** Persons handling product should use proper protective equipment and handle with care. Minimize generation of dust during handling. Provide adequate ventilation. Containers should be stored in a cool dry area.

**SECTION 7 – PERSONAL PROTECTIVE/PERVENTIVE MEASURES****PERSONAL PROTECTIVE EQUIPMENT:**

**Respirator:** An (NIOSH/MSHA) respirator equipped with a dust filter, approved for silica bearing dust, should be worn when exposed to the product under dust generating conditions. Disposable units are normally satisfactory for short-term or intermittent exposure. When handling bulk quantities wear safety goggles, coveralls and protective footwear are recommended.

**ENGINEERING CONTROLS:** Local exhaust ventilation and confinement of handling system may be required to control exposure to dust.

**EXPOSUR LIMITS:** The American Conference of Governmental Industrial Hygienists recommends  $< 2$  mg/m<sup>3</sup> of respirable dust (TWA limits).

**SECTION 8 – PHYSICO-CHEMICAL PRPERTIES**

**PHYSICAL STATE:** Granular

**ODOUR & APPEARANCE:** No odor, Black Brown Granular

**BULK DENSITY:** 790 kg/m<sup>3</sup> (loose)  
840 kg/m<sup>3</sup> (pack)

**pH:** 3.0 – 3.5

**MELTING POINT (°C):** >300 °C

**SOLUBILITY (in water):** Insoluble

**SECTION 9 – REACTIVITY DATA**

**CHEMICAL STABILITY:** The product is stable under normal conditions.

**INCOMPATIBILITY:** Non-reactive.

**CORROSIVE BEHAVIOUR:** NA

**REACTIVITY & UNDER WHAT CONDITIONS:** Not applicable.

**HAZARD COMBUSTION PRODUCTS:** Not applicable.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**SECTION 10 – TOXICOLOGICAL PROPERTIES**

**ROUTES OF ENTRY:** Inhalation

**EFFECTS OF ACUTE EXPOSURE TO PRODUCT:** Airborne respirable dust may cause irritation to the nose, throat and lungs. Dust particles may mechanically irritate the eyes and impair vision.

**EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:** Prolong or repeated exposure through inhalation may result in progressive and permanent lung disorders and damage. Dust has been related to silicosis.

**IRRITANCY OF PRODUCT:** Dust causes irritation as noted above. Skin contact and ingestion are not considered hazardous.

**CARCINOGENICITY & MUTAGENICITY:** Not listed.

**REPRODUCTIVE HAZARD & TERATOGENICITY:** Not established.

**IRRITANCY:** May cause irritation.

**SENSITIZATION:** Negligible.

**SYNERGISTIC PRODUCTS:** None established.

**SECTION 11 – ECOLOGICAL INFORMATION**

Not available.

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**SECTION 12 – DISPOSAL MEASURES**

Ensure/Check applicable rules, government requirements and local disposal regulations.

**SECTION 13 – REGULATORY & SHIPPING INFORMATION****SHIPPING INFORMATION**

**US and Canada:** Not regulated

**International Shipping:** Not regulated

**TDG:** Not regulated.

**IATA:** Not regulated

**SECTION 14 – OTHER INFORMATION**

**ADDITIONAL INFORMATION:** At the time of preparation, the information and data contained in this MSDS are believed to be accurate and have been compiled from sources that are believed to be reliable.

**PREPARED BY:** Agrisol Manufacturing Inc.

3254-B, 262 Street

Alder grove, BC

V4W 2X2

**Canada**

**BUSINESS NUMBER:** 604-607-1344

**DATE:** August 2017