

## Safety Data Sheet

### Section 1: Identification

- **Product Identity:** Source-Ful
- **Leonardite Products, LLC** (Plant address) 13375 Highway 1804, Williston, ND 58801
- **Emergency Phone: 701-572-7659** Information Phone: 701-572-7659
- **Recommended Use:** Fertilizer additive

### Section 2: Hazard(s) Identification

- **Do Not Inhale** — Product contains silica, may cause lung disease.
- **Long Term Exposure** — The effects of long-term low-level exposures to this product have not been determined. Safe handling of this material on a long-term basis should emphasize the avoidance of all effects from repetitive exposures.

### Section 3: Composition/Information on Ingredients

- **Product Identity:** Source-Ful
- **Leonardite Products, LLC** (Plant address) 13375 Highway 1804, Williston, ND 58801
- **Emergency Phone: 701-572-7659** Information Phone: 701-572-7659
- **Uses:** Fertilizer additive

### Section 4: First Aid Measures

- **Inhalation:** Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.
- **Eye or Skin Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids open during flushing. Call a physician. Wipe or brush off as much material as possible from skin, then follow up with water. Sponge or rinse off remainder using water. Get medical attention if skin irritation occurs.
- **Ingestion:** If conscious, drink large quantities of water. Do not induce vomiting. Take immediately to a hospital or physician. If vomiting occurs, administer additional water. If unconscious or in convulsions, take immediately to a hospital. Do not attempt to induce vomiting or give anything by mouth to an unconscious person.
- **Notes to Physician Including Antidotes:** Treat symptomatically.

### Section 5: Fire Fighting Measures

- **Product Is Not Flammable** — However firefighters should wear self-contained positive pressure breathing apparatus and avoid skin contact.

### Section 6: Accidental Release Measures

- **Waste Deposit Method:** Recovered solids or liquids may be sent to a licensed reclaimer or disposed of in a permitted waste management facility.

## Section 7: Handling and Storage

- **Any person entering** either a significant spill area or an unknown concentration of dust should use a NIOSH-approved respirator.

## Section 8: Exposure Controls/Personal Protection

- **Protective Clothing or Equipment:** Skin contact should be minimized through use of gloves and suitable long-sleeved clothing selected with regard for use condition exposure potential.
- **Work/Hygienic Practices:** Wash hands prior to eating, drinking or using rest rooms.

## Section 9: Physical and Chemical Properties

- **Appearance and odor:** Dark amber liquid, slightly translucent, musty odor.
- **Solubility:** ..... > 90%
- **pH:** ..... 2.4
- **Specific Gravity:** ..... 1.24-1.26
- **Bulk Density:** ..... 8.438 pounds/cubic foot
- **Vapor pressure:** ..... NA
- **Vapor Density:** ..... NA
- **Boiling Point:** ..... >200° F
- **Freezing Point:** ..... NA

## Section 10: Stability and Reactivity

- **Stability:** Stable
- **Conditions to avoid:** Extreme heat, extreme cold
- **Incompatibility:** None known
- **Polymerization:** Will not occur
- **Hazardous Decomposition:** None known

## Section 11: Toxicological Information

- **Skin effects:** may cause irritation
- **Eye effects:** may cause irritation
- **Acute or chronic effects:** None
- **Toxins or carcinogens:** None known

## Section 12: Ecological Information

- **Enhances soil conditions**
- **Improves plant growth**

## Section 13: Disposal Considerations

- **Disposal of product:** Must meet all federal and state regulations upon disposal.
- **Check local landfills** for rules and regulations.

## Section 14: Transport Information

- **Not regulated as Hazardous Material.**

- **DOT (USA):** Not Hazardous Material.
- **IMDG:** Not Hazardous Material.
- **IATA:** Not Hazardous Goods.

- **Freight Classification:**

FERTILIZING COMPOUNDS (MANUFACTURED FERTILIZERS),  
NOI; LIQUID (NMFC 68140, SUB 6; CLASS 70)

## Section 15: Regulatory Information

- **SARA Reporting Requirements:**

- **SARA, TITLE III, SECTION 313:**

- This product does not contain toxic chemicals subject to the reporting requirements of Section 313 of The Emergency Planning and Community Right –To-Know Act of 1986 (40CFR 372).

- **California Prop. 65 Components:** This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

## Section 16: Other Information

- **The above information should be used as a guideline.** The information provided is true to the best of the companies' ability and should not be used as an all-inclusive list of safety standards. Contact Leonardite Products if more information is requested.