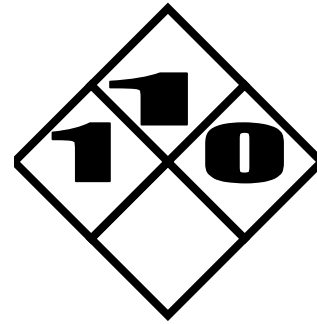




**Plant Wise Biostimulant Company**  
1402 West Main Street  
Louisville, KY 40203  
[www.plant-wise.com](http://www.plant-wise.com)

FLAMMABILITY

HEALTH



REACTIVITY

PERSONAL

## TAC-L MATERIAL SAFETY DATA SHEET

### I. PRODUCT IDENTIFICATION

Product Name: TAC-L (tackle)  
Chemical Family: Copolymer of sodium acrylate and acrylamide, and lignin, with triarylmethane dye  
Product Description: White/beige free-flowing powder with slight odor.

### II. HAZARDOUS INGREDIENTS

NONE: Product is not hazardous as defined in 29CFR1910.1200; CAS 8061-52-7

### III. PHYSICAL PROPERTIES

Boiling Point: N/A, solid	Percent Volatile: 2 – 10% moisture
Melting Point: N/A, decomposition	pH: Approx. 4.5 - 6
Vapor Pressure: N/A	Solubility in Water: Soluble
Specific Gravity: .8 – 1.0	Evaporation Rate: N/A
Vapor Density: N/A	Freeze Point: N/A

### IV. FIRE and EXPLOSION DATA

Flash Point: N/A  
Flammable Limits: Upper N/A, Lower N/A  
Extinguishing Media: Water, CO<sub>2</sub>, Foam, Dry Chemical  
Special Firefighting Procedures and Equipment: Normal  
Unusual Fire and Explosion Hazards: Dust explosions may occur when finely divided particles are mixed with air in the presence of an ignition source. Handle to minimize dusting. Avoid the accumulation of powder clouds which could be explosive, as other organic powders are.

### V. REACTIVITY DATA

Stability: Stable  
Hazardous Polymerization: Will NOT Occur  
Incompatibility: Caution necessary with strong oxidizing agents  
Hazardous Decomposition Products: Thermal decomposition or combustion may produce oxides of carbon and nitrogen, various hydrocarbons, and/or ammonia which may be irritating or harmful. Sulfur dioxide possible.  
Conditions to Avoid: None known

### VI. HEALTH HAZARD INFORMATION

Exposure from Routine Use: None known.  
Effects of Overexposure: prolonged exposure to high levels of airborne dust may cause sneezing, coughing, or other nuisance symptoms. Eye contact may produce slight irritation and/or redness. Inhaled dust may cause respiratory irritation.  
Exposure Limits: The OSHA 8-hour TWA for total dust is 15 mg/cu meter (5 mg/cu meter for the respirable fraction.) The ACGIH TLV-TWA is 10 mg/cu meter. LD<sub>50</sub> Oral Ingestion: 380 mg/kg (rats), toxic.  
Emergency First Aid : *Eye Contact:* Rinse immediately with water. Remove contact lenses, flush eyes with water. Contact physician.  
*Ingestion:* Toxic. Rinse mouth. Induce vomiting. Contact physician.  
*Skin Contact:* Wash effected area with soap and water. Seek medical attention if irritation persists. Launder contaminated clothing before re-use.  
*Inhalation:* Move to fresh air to relieve nuisance symptoms.

#### **VII. ENVIRONMENTAL DATA**

Spill or Leak Procedures: Spills or releases of this material do not currently trigger the emergency release reporting requirements under the federal Superfund Amendments and Reauthorization Act of 1986 (SARA.) Product becomes slippery and difficult to handle when wet; spills are best handled while still dry. Sweep up and collect dry product. Absorb wet product with sweeping compound or other inert material. Water wash area to eliminate slip hazard. Vacuum wet spills or water wash area.

Waste Disposal Method: Disposal must be in accordance with local, state, and federal regulations. This material, when unadulterated, is not a RCRA regulated hazardous waste.

Clean Water Act Requirements: None.

#### **VII. PERSONAL PROTECTIVE EQUIPMENT**

Respiratory Protection: Use NIOSH approved respirator where likelihood of inhalation exists.

Protective Gloves: Useful, not normally required.

Eye Protection: Goggles recommended (ANSI Z87.1 std.)

Other: Normal work clothing. Select additional protective equipment depending on conditions of use.

#### **VIII. REGULATORY INFORMATION**

Transportation: DOT Hazard Class: Non-Hazardous, Non-Regulated. Proper Shipping Name: None. Hazard Class: None. Label Required: None. Identification No.: None. Commodity Class: N/A. DOT Emergency Guide (ERG)#: 31. Other Pertinent Information: None.

T.S.C.A.: In compliance.

SARA: Not subject to reporting. No components are 313 Toxic Chemicals.

#### **IX. SPECIAL PRECAUTIONS AND EQUIPMENT**

Precautions to be Taken in Handling and Storing: Store in a dry place and keep sealed until ready to use to prevent caking from moisture pickup.

Other Precautions: None known.

#### **X. ADDITIONAL INFORMATION**

Good personal hygiene practices can reduce potential exposure. Wash with soap and water following any contact with this product, as well as before breaks and meals. Shower and change clothing at end of work shift. If clothing becomes contaminated, remove and launder or dry-clean before re-use.

The information and recommendations contained herein are believed to be reliable and accurate. This document is offered in good faith. The information relates to the specific material designated, and may not be valid for such material used in combination with any other materials, in any process, or if used in a manner other than for which it is intended. Since the actual use by others is beyond our control, no guarantee, express or implied, is made. User assumes all risk and responsibilities, including, but not limited to, satisfying himself as to the suitability and completeness of this information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer warranty against patent infringement.