

ALLEGIANCE DRY  
MATERIAL SAFETY DATA SHEET  
TRACE CHEMICALS LLC

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME.....:ALLEGIANCE DRY  
PRODUCT CODE.....:7501-132-42056  
CHEMICAL FAMILY.....:Mixture  
CHEMICAL NAME.....:Metalaxyl  
FORMULA.....:Mixture

MANUFACTURER: TRACE CHEMICALS LLC  
2320 LAKECREST DRIVE.  
PEKIN, IL 61554  
(309)347-2184

EMERGENCY TELEPHONE NO:  
CHEMTREC: (800)424-9300 (Toll free – U.S.)  
(703)527-3887 (Domestic and International)  
TRACE : (309)347-2184

2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS

INGREDIENT NAME				
<u>/CAS NUMBER</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER</u>
Metalaxyl(57837-19-1)	12.5	N/A	N/A	N/E
Graphite(7782-42-5)	10-20	2.5 mg/m <sup>3</sup>	2.5 mg/m <sup>3</sup>	N/E
Silicon Dioxide(14808-60-7) (Crystallized Silica)	15-30	0.1 mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>	N/E
Kaolin(1332-58-7)	5-10	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	N/E
Aluminum Silicate(12269-78-2)	40-60	N/A	N/A	N/E

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EFFECTS OF ACUTE OVEREXPOSURE: If swallowed, nausea, vomiting, and breathing difficulty can occur. Skin contact or inhalation exposure may irritate eyes, skin, and respiratory tract. Metalaxyl causes substantial but temporary eye injury.

EFFECTS OF CHRONIC OVEREXPOSURE: In lifetime feeding studies with high levels of Metalaxyl, experimental animals exhibited an increase in liver weights and circulating blood enzymes. While this indicates some liver toxicity, no other target organs were identified and no oncogenic response occurred in chronic studies with rats or mice. Metalaxyl did not affect reproductive capabilities of rats over three generations, was not teratogenic in rats or rabbits and various mutagenic studies indicate that Metalaxyl is not mutagenic. Overexposure to respirable crystalline silica dust can cause silicosis. Crystalline silica and silicon dioxide are listed as Group 1 carcinogens by IARC.

continued on next page

4. FIRST AID MEASURES

IF ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call Poison Control Center or doctor for treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, after the first 5 minutes, then continue rinsing eye. Call a Poison Control Center or doctor for treatment advice.

IF SWALLOWED: Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a Poison Control Center or doctor for further treatment advice.

5. FIRE FIGHTING MEASURES

FLASH POINT.....:N/A

EXTINGUISHING MEDIA.....:Foam, CO2, Dry Chemical, Water spray.

SPECIAL FIRE FIGHTING PROCEDURES.....:None normally required.

6. ACCIDENTAL RELEASE MEASURES:

SPILL OR LEAK PROCEDURES.....: Wear appropriate safety equipment. Shovel or sweep-up and place into approved DOT container and seal. Scrub contaminated area with detergent and handle as below. Repeat as necessary. Flush with water while observing proper environmental considerations..

7. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS.....:Do not get into eyes, on skin, or on clothing. Do not take internally. Avoid breathing fumes or spray mist. Upon contact, wash exposed areas with soap and warm water. Store in a cool, dry area away from food or feed in an area designated for pesticides..

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION REQUIREMENTS.....:Goggles or safety shield

SKIN PROTECTION REQUIREMENTS.....:Latex or other impervious gloves, coveralls to avoid all skin contact..

RESPIRATORY/VENTILATION REQUIREMENTS.....:Local exhaust or general ventilation required when dictated by local conditions.

EXPOSURE LIMITS....: Not established for product as a whole. Refer to section 2.

continued on next page

