ACTAGRO, LLC
RESIST 0-27-21

MATERIAL SAFETY DATA SHEET

EMERGENCY NUMBERS: (559) 843-2700 FIRE HAZARDS: *

Manufacturer:	(559) 843-2700	Health Risk:	0
Company Resp:	(559) 843-2700	Flammability:	0
MSDS Preparation Date	April 4, 2001	Reactivity:	0
MSDS Revision Date	June 4, 2010		

*NFPA – Scale: 5= N/A 4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant

SECTION I - IDENTITY

Synonyms & Trade Names (Family):	Mono-Di Potassium Phosphite Solution	CAS No	Not Assigned/Mixture
Formula:	0-27-21 RESIST	EPA No	N/A
Hazard Class:	Non-Hazardous	NIOSH No	N/A
Manufacturer:	ACTAGRO, LLC	DOT/UN/NA No	N/A
Address:	4516 N. Howard Biola, Ca 93606	PART No	N/A

SECTION II – HAZARDOUS INGREDIENTS

Ingredient Name:	CAS#	Contents	OSHA	TWA	ACGIH TLV-TWA
Leonardite Extract	None				
Potassium Phosphite	7650				

SECTION III – PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point (F/760 mmHg):	N/A	Specific Gravity:	1.402
Vapor Pressure (mmHg):	N/A	Melting Point (F):	N/A
Vapor Density (air=1):	N/A	Evaporation Rate (buAc=1)	N/A
Percent Volatile by Volume:	N/A	Viscosity:	N/A
		Ph Value:	6.2
Solubility Value (g/100g/H_20,68^{0}F):	Unknown	Concentration (%/MOL)	N/A
Solubility:	Soluble in water.		
Appearance:	Liquid		
Color:	Black		
Odor:	Odorless		

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point (F):	N/A	Auto Ignition Temp (F):	N/A
F P Method	N/A	Explosion Limits:	
		Lower %:	N/A
		Upper%:	N/A

NFPA Flammability Rating: Will not burn.
OSHA Flammability Class: N/A
Extinguishing Media: No specific method noted.
Special Fire Fighting Procedures: No specific fire fighting procedures noted.

Evacuation Procedures: No specific evacuation procedure noted, but evacuation of personnel may still be required in an emergency situation.

NIOSH Respirator Recommendation: No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

Unusual Fire and Explosion Hazards: No unusual fire and explosion hazard noted.

SECTION V – REACTIVITY DATA AND PHYSICAL HAZARDS

Stability: Normally stable.
Conditions to Avoid: N/A
Reactivity Index: Unknown
Hazardous Decomposition or Byproducts: None
Hazardous Polymerization: Will not polymerize.

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Conditions to Avoid:	None
Water Reactive:	N/A
Air Reactive:	No
Incompatible Specific Chemicals:	None
Incompatible Classes of Chemicals:	None

SECTION VI – HEALTH HAZARD INFORMATION

Routes of Entry:	Skin absorption; ingestion.		
Target organs:	No specific target organs.		
Toxic Dose (LD 50):	N/A		
Toxicity Index:	Non-toxic.		
Permissible Exposure Limits:			
OSHA PEL:	No standard.	Carcinogenicity:	
ACGIH TWA:	No standard		
ACGIH STEL:	No standard	NIP:	No
NIOSH PEL:	No standard	IARC?:	No
NIOSH IDLH:	No standard	OSHA?:	No

Toxicological Information:

Health Warnings: This chemical may cause skin irritation.
Acute and Chronic Health Hazards: No specific acute or chronic health impact noted.
Signs and Symptoms of Exposure: No specific symptoms, but this chemical may still have adverse health impact, either in general, or on certain individuals.
Medical Conditions Generally Aggravated by Exposure: None.
Emergency & First Aid Procedures:

Avoid contact with skin, eyes, or clothing.
In case of contact, immediately flush skin, eyes, or clothing with plenty of water for at least 15 minutes.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled: Stop leak if possible. Confine the spill. Do not allow run-off to sewer systems. Try to reclaim the material, and then flush the area with water.

Waste Disposal: Recover and reclaim, or recycle the material.

Precautions to be taken in handling and storing: None.

Other precautions: None

SECTION V111 – PROTECTION AND CONTROL MEASURES

Respiratory Protection: Not required.

Protective Gloves: No specific hand protection noted, but gloves may still be advisable. For prolonged or repeated skin contact, use suitable protective gloves.

Eye Protection: Wear chemical safety goggles where eye exposure is reasonably probable.

Other Protective Clothing or Equipment: Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygienic Work Practices: No specific hygiene procedures, but good personal hygiene practices are always advisable, especially when working with chemicals.

Ventilation Requirements: None.

SECTION IX – ADDITIONAL INFORMATION

NOTE: Use with caution and according to specifications on manufacturer's label. MSDS may not fully reflect manufacturer's recommendations. Containers will contain residues of the product. Do not re-use containers for any purpose other than storing or mixing of fertilizers. The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

END OF MSDS