

ACTAGRO, LLC
RESIST 57

MATERIAL SAFETY DATA SHEET

EMERGENCY NUMBERS: **800-535-5053 INFOTRAC** **NFPA HAZARDS: ***

Manufacturer:	(559) 843-2700	Health Risk:	1
MSDS Preparation Date	November 13, 2006	Flammability:	0
MSDS Revision Date:	June 3, 2010	Instability:	1

*NFPA – Scale 4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant

SECTION I - IDENTITY

Synonyms & Trade Names (Family):	RESIST 57
Hazard Class:	Non-Hazardous
Manufacturer	Actagro, LLC
Address:	4516 N. Howard Biola, CA 93606

SECTION II – HAZARDOUS INGREDIENTS

Ingredient Name:	CAS#
Mono and di-potassium phosphate	13492-26-7

SECTION III – PHYSICAL & CHEMICAL CHARACTERISTICS

Specific Gravity:	1.427
Solubility:	Soluble in water.
State:	Liquid
Color:	Amber
Odor:	Odorless
pH:	5.8-6.0

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

NFPA Flammability Rating:	Will not burn.
OSHA Flammability Class:	N/A
Extinguishing Media:	Use media for the surrounding fire area.
Special Fire Fighting Procedures:	Firefighters wear SCBA and full protective gear for the surrounding fire.
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:	Extreme heat
Hazardous Polymerization:	Will not polymerize.
Conditions to Avoid:	Heat
Water Reactive:	Decomposes to a phosphate

SECTION VI – HEALTH HAZARD INFORMATION

Routes of Entry:	Skin absorption; eyes or ingestion.
Target organs:	No specific target organs.
Toxicological Information:	
Health Warnings:	This chemical may cause eye and 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:	Dermatitis or conditions of dry eyes.
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.

ACTAGRO, LLC

RESIST 57

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, flush the area with water.
Waste Disposal:	Recover and reclaim, or recycle the material.
Precautions to be taken in handling and storing:	Avoid high heat and keep in cool storage area

SECTION VIII – PROTECTION AND CONTROL MEASURES

Respiratory Protection:	Not required unless mist remains in a closed area, then use NIOSH approved dust/.mist face mask..
Protective Gloves:	Chemical resistant gloves. For prolonged or repeated skin contact, use suitable protective gloves.
Eye Protection:	Wear chemical safety goggles or glasses.
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. Wash your hands before eating drinking, chewing gum or using tobacco.
Ventilation Requirements:	None, unless exceed normal conditions in a closed environment. Provide ventilation as needed.

SECTION IX – ADDITIONAL INFORMATION

EPA Reg. No. 82940-R EPA Est. No. CA 082940-CA-1 EPA Label warning: CAUTION

Do not apply directly to water, to areas where surface area is present, or to inter-tidal areas below the mean high water mark.

Do not contaminate water when disposing of equipment rinse waters or rinsate.

Prepared by Actagro, LLC

Reviewed by Eric Scott

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.