



A Huber AgroSolutions Company



Spray-Aide®

COMPATIBILITY ACIDIFIER SURFACTANT AGENT

CALIF. REG. NO. 90930-50006

ACTIVE INGREDIENT(S)

Polyethylene glycol alkyl ether phosphate
and potassium salts: 75%
Constituents Ineffective as spray adjuvants: 25%
Total: 100%



WARNING

**CAUSES SERIOUS EYE IRRITATION; HARMFUL
IF INHALED; KEEP OUT OF REACH OF CHILDREN**

Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing mists/spray. Use only outdoors or in a well-ventilated area. Avoid contact with eyes, skin, or clothing. May be harmful if swallowed, inhaled, or absorbed through the skin. Do not inhale vapors or spray mist. Wash thoroughly with soap and water after handling.

FIRST AID

IF IN EYES	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists: Get medical advice/attention.
IF INHALED	Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
IF ON SKIN	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
IF INGESTED	DO NOT INDUCE VOMITING. If vomiting occurs naturally, reduce the risk of aspiration by leaning their body forward. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

Have product container or label on hand when contacting a poison control center, consulting a doctor, or seeking medical treatment.

Wear safety glasses with side shields (or goggles). Wear suitable protective clothing. Impervious gloves: chemical resistant EN 420. In case of inadequate ventilation wear respiratory protection. NIOSH P95.

GENERAL INFORMATION

SPRAY-AIDE® is a concentrated COMPATIBILITY-ACIDIFIER-SURFACTANT AGENT designed to improve spray tank compatibility of pesticides, to lower the pH of spray tank water or liquid fertilizer solution, as a spreader for use with pesticides and to reduce soil crusting.

MANUFACTURED BY: MILLER CHEMICAL & FERTILIZER, LLC

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DIRECTIONS FOR USE

WASHINGTON STATE ONLY (For all uses listed on the label): Use SPRAY-AIDE[®] at a concentration not to exceed 30% of the total amount of formulated pesticide(s) to be applied per acre in the spray tank.

COMPATIBILITY AGENT - Rate: 4 oz. to 8 oz. per 100 gals. water or liquid fertilizer. Most pesticide applications are spray tank mixes of a number of products and types of product formulations. Many applications are made with minor incompatibilities, such as small flocules of product in the water. Most of these go unnoticed because they do not clog nozzles or screens. These minor incompatibilities often reduce the activity of the spray application. SPRAY-AIDE[®] is effective for maintaining good compatibility in the spray tank for most agricultural spray products and formulations sprayed in water or in liquid fertilizer solutions. To improve the compatibility of herbicide and insecticide combinations applied in NITROGEN SOLUTIONS or in LIQUID FERTILIZER SOLUTIONS, add 8 oz. to 16 oz. of SPRAY-AIDE[®] to the NITROGEN or FERTILIZER SOLUTION before the herbicides or insecticides are put into the tank. To test compatibilities of unproven mixes before placing them in the spray tank, use a simple bottle test of small, proportioned amounts of each component to be added.

APPROXIMATE: 1 Pt. Liquid/100 Gal. = 1 Level Teaspoonful/Gal.

SMALL MEASURES: 2 Lbs. Wettable Powder/100 Gal. = 1-1/2 Level Teaspoonful/Gal.

Also use proper sequential mixing procedure for bottle test and spray tank. When the spray tank is at least half full and continuing to fill with agitation, first add SPRAY-AIDE[®], then add WETTABLE POWDERS AND FLOWABLES. Allow to mix for 3 or 4 minutes. Then add EMULSIFIABLE CONCENTRATES, SLOWLY. Last, put other additives in the tank, such as stickers

or extenders (NU-FILM[®] adjuvant). No other surfactants, spreaders, wetting agents, or herbicide activators are needed as SPRAY-AIDE[®] is an excellent product for these functions. After each day's spraying, rinse tank, lines and nozzles with water.

ACIDIFIER AGENT - Rate: 6 oz. to 12 oz. per 100 gals. water or liquid fertilizer. Many agricultural chemicals degrade rapidly in high pH (alkaline) water. It is very common to have well water or irrigation canal water with a pH of 8.0 to 8.5. Phosphate insecticides and many other pesticides degrade rapidly when placed in this water. This effect can reduce the activity of pesticides before the spraying operation is completed. SPRAY-AIDE[®] helps to protect the chemical investment through pH adjustment. SPRAY-AIDE[®] will generally lower the pH of alkaline high pH water by 2 or more pH points. Reduction of pH will vary from one water to another; however, SPRAY-AIDE[®] is active enough, in most waters, to adjust the pH into a safe range. SPRAY-AIDE[®] does not affect the soluble salt content of the water.



TANK CLEANING - SPRAY-AIDE[®] is an excellent tank cleaner. Continued use of the product will help to keep tanks, lines, screens and nozzles clean. Use at the rate of 6 ozs. to 16 ozs. per 100 gals. of water or spray mix. **COTTON SPINDLE CLEANING** - Rate: 6 ozs. per 50 gals. of water, or 3 ozs. per 25 gals. **PICKER TANK** - While filling tank with water, add SPRAY-AIDE[®] when about one-half full. Mix thoroughly with water by circulation or by stirring.

ELECTROSTATIC, CONVENTIONAL AND GALLENERGE type spray systems - Rate: 4 ozs. to 8 ozs. per 100 gals. of water on a continued basis will help to keep tanks, lines, screens and nozzles clean from particle build up associated with soluble bag and wettable powder formulations.

SURFACTANT and HERBICIDE ACTIVATOR - Rate: 4 ozs. to 16 ozs. per 100 gals. water or liquid fertilizer. SPRAY-AIDE[®] functions as a spreader and herbicide activator by helping to reduce the surface tension of spray water droplets. SPRAY-AIDE[®] is especially useful when applied with contact herbicides.

SPRAY-AIDE[®] can be used with Paraquat or Gramoxone[®] to improve their activity by improving spreading and penetrating activity. When applying with Paraquat or Gramoxone[®] in combination with nitrogen solutions or liquid fertilizers, use SPRAY-AIDE[®] at the rate of 8 ozs. per 100 gallons. Always apply mixtures containing Paraquat or Gramoxone[®] with adequate water for coverage, generally, 40 to 50 gallons of water or liquid fertilizer mix per acre, when applied by ground applicator and at least 10 gallons of spray mix per acre by aircraft. When aerial applications are made, Miller **MIST-CONTROL** spray drift reducer should also be used to reduce spray drift.

ANTI-CRUSTING AGENT FOR SOILS - Reduction or prevention of crusting is necessary for any seeding operation of small-seeded vegetables. Increasing soil organic matter and limiting the number of secondary tillage operations that reduce soil-particle size will help prevent soil crusting. In addition, applying SPRAY-AIDE[®] over the row at planting will help reduce later crusting caused by heavy, compacting rains. Use at the rate of 2 gals. per 100 gals. water. Apply this mix at 4 gals. per 1,000 ft. of row in a 2 to 4 inch band, which is about equal to 52 gals. of mix per acre.

MIXING INSTRUCTIONS

Add SPRAY-AIDE[®] to the spray tank or aircraft

pre-mix tank at the rate of 6 oz. to 16 oz. per 100 gallons of spray mix. (Metric: 177 to 475cc per 380 liters) Sequential mixing often causes spray tank problems. For most mixes, add SPRAY-AIDE[®] to the spray tank before any pesticides. Add SPRAY-AIDE[®], then pesticides, after the tank is 1/2 to 3/4 full of water or liquid fertilizer, while the tank continues to fill with the agitator running. Under some conditions, with some tank mixes, foaming can be a problem. If foaming occurs, use Miller **FOAM FIGHTER** defoaming agent to solve the problem. As an Anti-Crustant, use 2 gals. per 100 gals. water.

PHYTOTOXICITY HAZARDS

Under some environmental conditions, some pesticides or pesticide combinations may cause phytotoxicity on growing plants. Surfactant products such as this product may increase the chance or the intensity of phytotoxicity. Use this product in a manner consistent with individual pesticide product recommendations. Do not use SPRAY-AIDE[®] in combination with copper fungicides or Copper nutrients; applied to foliage, when the final spray application is pH 7 or below. Many copper fungicides precipitate at low pH levels. Can be safely used with Miller soluble fertilizers, applied to foliage at recommended label rates.

ENVIRONMENTAL HAZARDS

This product is not for aquatic use. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash waters.

STORAGE AND DISPOSAL

Keep in original container. Store in a locked, dry, cool, and well-ventilated area, away from direct sunlight. Store away from incompatible

materials. For 24-hour emergency assistance with spills, leaks, or exposure, call CHEMTREC at (800) 424-9300. Dispose of the contents at a permitted facility or as advised by your local regulatory authority. Keep container tightly closed and dry. Store away from incompatible materials. Keep out of reach of children.

CONTAINER DISPOSAL

Triple rinse (or equivalent) during mixing or loading. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler, visit the ACRC web page at www.acrcycle.org. Decontaminated containers may also be disposed of in a sanitary landfill. The use of this material being beyond our control and involving elements of risk to human beings, animals, and vegetation, we do not make any warranty, express or implied, as to the effects of such use when this product is not used in accordance with the directions as stated on this label.

WARRANTY STATEMENT: Miller Chemical and Fertilizer, LLC warrants that this product conforms to its labeled chemical description and is reasonably suitable for the specified purposes when used as directed. However, inherent risks exist, including weather conditions, other substances, or variations in use, beyond Miller's control which may result in crop injury, yield deficiencies, or other unintended consequences. Miller is not liable for consequential, special, or indirect damages resulting from product use or handling. MILLER MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE NOR OTHER EXPRESS OR IMPLIED WARRANTY. For raw material information, contact Miller Chemical & Fertilizer, LLC, at productinfo@millerchemical.com, referencing the batch number on the container.

GRAMOXONE[®] is a registered trademark owned by Syngenta Ltd.

PA Right-to-Know: This product contains proprietary ingredient(s).