Synapse

Premium AMS Replacement/Water Conditioner

PRECISION LABORATORIES

PRINCIPAL FUNCTIONING AGENTS

Alkylpolyglucosides, Defoamers and Nonionic Coupling Agents	20.0%
Blend of Ammonium Salts	25.5%
Constituents Ineffective as Spray Adjuvants	54.5%
Total	100.0%

All ingredients are approved for use under 40 CFR 180

KEEP OUT OF REACH OF CHILDREN
WARNING

PRECAUTIONARY STATEMENTS

Causes eye irritation. If medical advice is needed, have product container or label at hand. Read label before use. Wash protective equipment and work clothes thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective clothing. Specific treatment is given in the First Aid section on this label or on the SDS.

PERSONAL PROTECTIVE EQUIPMENT (PPE)



Applicators or other handlers of this product should wear: protective eyewear, chemically impervious gloves, long-sleeved shirt, pants, socks and shoes. Consult the SDS for further information.

FIRST AID

If Swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. Have person sip a glass of water if able to swallow. Do NOT induce vomiting, unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

If In Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

If On Skin: Wash affected area with plenty of soap and water. Use tepid water if available. If skin irritation occurs: Get medical advice or attention. Treat symptomatically. Take off contaminated clothing and wash it before reuse.

If Inhaled: Move person to fresh air. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration.

GENERAL INFORMATION

Synapse will enhance the herbicide activity of certain post emergence herbicides when used at the proper rate. **Synapse** is a proprietary blend of high quality nonionic surfactants (phosphate ester of polyglycols) and ammonium salts. When used at recommended rates, **Synapse** can increase the performance of those herbicides recommended for use with ammonium based nitrogen. The added herbicide performance produced by use of **Synapse** may be more apparent in situations of environmental stress.

DIRECTIONS FOR USE

The addition of adjuvants to some pesticides and/or fertilizers and their tank mixes may cause phytotoxicity to the foliage and/or fruit of desirable crops. Before using **Synapse**, the applicator or crops advisor must have experience with the pesticide combination, including **Synapse**, or must have conducted a phytotoxicity test.

FOR USE WITH PESTICIDES REGISTERED FOR AGRICULTURAL, FORESTRY, INDUSTRIAL, MUNICIPAL, NON-CROPLAND AND RIGHTS-OF-WAY. NOT FOR AQUATIC USE.

USE RATES

Add **Synapse** to the spray tank at the rate specified by the herbicide label and follow directions for use as to rates, timing, and crop restrictions. Check compatibility of proposed spray mixture in a jar test before large scale mixing. It is recommended that a test area be used when conditions of high humidity or high temperatures exist.

Recommended Rates: 1 – 2 quarts per 100 gallons of water.

MIXING

In the absence of specific mixing instructions found on the pesticide label, fill the spray tank with at least 50% of the desired finished carrier volume. When premixing in a mixing vessel or inductor, fill with at least 20% of the desired finished carrier volume. While the carrier is agitating, add tank mix ingredients in the following order:

1. Compatibility agent and/or antifoam, if needed
2. AMS, dry formulations (WP, DF, WDG, SP), and dry drift retardants
3. Dry soluble and suspension fertilizers / micronutrients
4. Liquid drift retardants and flowable formulations (F & FL)
5. Liquid concentrates, suspension concentrates, microencapsulated and capsule suspension (LC, SC, ME, CS)
6. Emulsifiable concentrates (E, EL or EC)
7. Solutions and soluble liquids (S or SL)
8. Liquid micronutrients and fertilizers
9. Water conditioners and other adjuvants (COC, HSOC, MSO, NIS)
10. Finish filling to desired spray volume level and continue agitation

STORAGE AND DISPOSAL

Protect product from freezing. *If product freezes, warm to room temperature and agitate before use.* Keep containers sealed when not in use. Store in original container only. Triple rinse (or equivalent) during mixing and 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.acrecycle.org. Decontaminated containers and materials must be disposed of in a manner allowed by local, state and federal laws and regulations.

CONDITIONS OF SALE

Note: Read the information contained herein before buying or using this product. If the stated terms are not acceptable, return the product at once, unopened. It is critical that this product be used and mixed only as specified on this label. Neither the manufacturer nor the seller makes any representation or warranty, expressed or implied, with respect to the results from the use of this material. Buyer and user assume all risks of use and/or handling. Precision Laboratories, LLC warrants that this material is reasonably fit for use as specified on this label. No agent or representative is authorized to make any other representations concerning this material. Unforeseen factors beyond Precision's control prevent elimination of risks in connection with the use of its chemicals. Such risks include, but are not limited to, damage to plants and/or crops to which the material is applied, or lack of complete control and damage caused by drift to other plants or crops. Such risks may occur even though the product is reasonably fit for use as stated herein and even though label directions are followed. Follow directions carefully. Timing, mixture, method of application, weather and other conditions are influencing factors in the use of this product and are beyond the control of the seller. Except to the extent prohibited by applicable law, the exclusive remedy of the user or buyer and the limit of liability of the company or any other seller for any and all losses, personal injuries or damages resulting from the use of this product, shall be the purchase price paid by the user or buyer for the quantity of product involved.

S P E C I M E N L A B E L

Synapse is a trademark of Precision Laboratories, LLC.
For 24-hour technical assistance when using this product in the USA and Canada, call: 1-800-323-8351
For 24-hour emergency service when using this product in the USA and Canada, call CHEMTREC: 1-800-424-9300
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