

# CHEM-STIK LpH™

## Nonionic Spreader-Sticker and pH Buffer

### PRINCIPAL FUNCTIONING AGENTS

Proprietary blend of alkylaryl polyoxyethanol glycol ether, alkylphenolic resin, alkyl polyoxyethanol phosphate ester, tricarboxylic acid, and other ingredients.....	33%
Inert ingredients.....	67%
TOTAL.....	100%

All ingredients are approved for use under 40 CFR 180

### KEEP OUT OF REACH OF CHILDREN WARNING



### PRECAUTIONARY STATEMENTS

Causes skin irritation and serious 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. Wear personal protective equipment. Specific treatment is given in the First Aid section on this label or on the SDS. Store locked up. Dispose of contents/container to disposal plant in accordance with federal, state and local regulations.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators or other handlers of this chemical must wear long-sleeved shirt, pants, shoes and socks, chemically impervious gloves, and splash-proof chemical safety goggles. Consult the SDS for further information.

### FIRST AID

- If Swallowed:** 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 Inhaled:** Remove person to fresh air and keep comfortable for breathing. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration.
- 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.

### GENERAL INFORMATION

CHEM-STIK LpH is a unique nonionic spreader-sticker formulated to protect pesticides from premature chemical breakdown by buffering the spray solution to a slightly acidic pH of 5.0 to 6.0. Additionally, CHEM-STIK LpH enhances leaf surface coverage of spray solutions while providing wash-off protection from untimely rainfall. When used as directed, CHEM-STIK LpH will increase wetting, adhesion, and endurance of pesticide sprays on target leaf surfaces. This is especially beneficial during windy and rainy periods, as well as under other adverse weather conditions.

### 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 CHEM-STIK LpH, the applicator or crops advisor must have experience with the pesticide combination, including CHEM-STIK LpH, or must have conducted a phytotoxicity test. Always follow pesticide label recommendations regarding adjuvants, in particular, spreader-stickers. In the absence of specific recommendations, follow the guidelines set forth below. **SHAKE WELL BEFORE USING.**

FOR USE WITH PESTICIDES REGISTERED FOR AGRICULTURAL, FORESTRY, INDUSTRIAL, MUNICIPAL, NON-CROPLAND, ORNAMENTALS, RIGHTS-OF-WAY, TURF AND OTHER APPROPRIATE USES.

### USE RATES

As a general guide, use 16-48 ounces of CHEM-STIK LpH per 100 gallons of spray solution. Start with the 16 ounce use rate and using either a pH meter or pH paper, verify that the desired pH level has been achieved. If pH remains above the desired level, continue adding CHEM-STIK LpH in 8 ounce increments until the desired pH level has been reached.

### 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, if needed.
2. Dry formulations (WP, DF, WDG, SP) and dry drift retardants.
3. Liquid drift retardants and flowable formulations (F and FL).
4. Liquid concentrates, suspension and microencapsulated (LC, SC, ME).
5. Emulsifiable concentrates (E, EL or EC).
6. Solutions (S), micronutrients, liquid or suspension fertilizers.
7. Adjuvants (COC, HSOC, MSO, NIS) and/or water conditioning agents.
8. Finish filling to desired spray volume level and continue agitation.

### STORAGE AND DISPOSAL

Protect product from freezing. If product freezes, warm to room temperature before use. Store in original container only and do not reuse empty container. Rinse container thoroughly and dispose of the container in accordance with local, state and federal 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.

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