

# Liftoff™

## WATER CONDITIONING AGENT / ALKALINITY AGENT / COMPATIBILITY AGENT

### Principal Functioning Agents

Tetrapotassium pyrophosphate, alkyl polyglucoside, ammonium hydroxide.....	12.0%
Constituents ineffective as spray adjuvants.....	88.0%
<b>Total.....</b>	<b>100.0%</b>

All ingredients are exempt from the requirements of a tolerance as specified in 40 CFR 180.



FOR SDS INFO



### KEEP OUT OF REACH OF CHILDREN WARNING

### Hazard Statements

Causes serious eye irritation. Causes skin irritation.

### Precautionary Statements

Wash thoroughly after handling. Wear protective gloves and eye/face protection.

**IF IN EYES:** Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do; continue rinsing. If eye irritation persists, get medical advice/attention.

**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.

Refer to back label for more First Aid statements.

### NPE Free Water Conditioning Agent



*Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail)*

### Storage, Disposal & Spill

Do not contaminate water, food, or feed by storage or disposal.

**Storage:** Store in tightly closed containers in dry, well ventilated area, away from excessive heat and incompatibles. Store in original container only.

**Disposal:** Triple rinse container and pour rinsate into spray tank. Do not reuse container. Offer triple-rinsed container for recycling, or puncture and dispose of in a sanitary landfill or by other procedures approved by appropriate authorities. Dispose of contents/container in accordance with local/national regulations.

**Spill:** In the event of a major spill, fire or other emergency, call CHEMTREC at (800) 424-9300.

### Environmental Hazards

**Not for aquatic use.** Do not contaminate water sources by cleaning of equipment or disposal of wastewaters.

### Net Contents

2.5 Gallons (9.46 Liters) or 2 x 2.5 Gallons (18.93 Liters)

## First Aid

**If in Eyes:** Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do; continue rinsing. If eye irritation persists, get medical attention.

**If Swallowed:** Rinse mouth. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. If you feel unwell, call a poison control center or physician immediately for treatment advice.

**If Inhaled:** Move person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. If you feel unwell, call a poison control center or physician for further treatment advice.

**If on Skin or Clothing:** Rinse skin immediately with plenty of soap and water for 15 to 20 minutes. If skin irritation occurs, get medical attention. Take off contaminated clothing and wash before reuse.

## General Information

Liftoff is an alkalinity agent formulated for use to increase and buffer the pH of tank mix spray water.

Liftoff will assist in making certain tank mix partner products more soluble due to higher spray water pH.

Liftoff also contains a compatibility agent that improves stability of spray mixtures.

## LIFTOFF IS NOT FOR AQUATIC USE

### CONDITIONS OF SALE – LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

Read the Conditions of Sale – Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded. The directions of this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of KALO, Inc., the manufacturer or seller. In addition, failure to follow label directions may cause injury to crops, animals, workers or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind express or implied concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law. The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at KALO, Inc.'s election, one of the following: 1) Refund of the purchase price paid by buyer or user for product purchased, or, 2) Replacement of the product used, to the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company, the manufacturer and seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.



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## Directions For Use

**For Direct Addition to Spray Tank:** Add Liftoff at a maximum rate of 16 fluid ounces per tank load. See Mixing Order instructions below.

### Tank Mixing Order

Mixing order for enhancing solubility of sulfonylurea herbicides that require an alkaline spray water:

1. Fill spray tank with 10% of total water volume to be used;
2. Add S/U or other crop control products that tolerate high pH conditions;
3. Add 16 fluid ounces of Liftoff to the spray mixture;
4. Mix thoroughly to solubilize mixture;
5. Add the remaining volume of water along with any other tank mix partners that tolerate high pH;
6. Agitate the tank mix thoroughly and begin spray application.

**IMPORTANT:** Always follow all accompanying crop control or other tank mix partner label instructions and requirements.

### Slurry Pre-Mixing Instructions

Preparation of a Slurry Premix Prior to Addition to Spray Tank:

Add Liftoff at a rate of 2 ounces per gallon of slurry water. The use of Liftoff will raise the pH of the slurry mixture and increase the solubility of accompanying crop control products or other tank mix partners.

1. Use a slurry container to premix the various products that are tolerant of a high pH directly into slurry container;
2. Add crop control or other tank mix partner to slurry container and water first;
3. Next, add the prescribed amount of Liftoff to the mixture;
4. Mix thoroughly to solubilize the crop control product or other tank mix partners;
5. Next, add the slurry premix to the spray tank and add remaining volume of water;
6. Agitate the tank mix thoroughly and begin spray application.

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