

JACKHAMMER®

Nonionic Surfactant ▪ Water Conditioning Agent ▪ Humectant

Principal Functioning Agents:

Diethylene glycol, propylene glycol, urea sulfate

100%



KEEP OUT OF REACH OF CHILDREN DANGER

PRECAUTIONARY STATEMENTS

May be corrosive to metals. Harmful if swallowed. Causes severe skin burn and eye damage. Causes serious eye damage. Read label before use. Keep container tightly closed. Keep only in original container. Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

FIRST AID

Call a poison control center or doctor immediately for treatment advice. Have the product container with you when calling a poison control center or doctor, or going for treatment.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing.

IF ON SKIN OR CLOTHING: Remove or take off immediately all contaminated clothing. Rinse skin with water or shower.

IF SWALLOWED: Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person. Do NOT induce vomiting.

IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

GENERAL INFORMATION

JACKHAMMER® is a proprietary blend of water conditioning agents, superior nonionic surfactants and humectants. This blend of ingredients provides outstanding performance to any pesticide that is compatible with an acidic water conditioner. The proven

set of water conditioners provides protection of the pesticide performance from the rigors of hard water. Hard water ions such as calcium, magnesium and iron can combine with certain pesticides, making them insoluble and decreasing performance. JACKHAMMER gets in between the pesticide and the hard water ions, allowing the pesticide to do its work. The high-performance surfactants in JACKHAMMER reduce surface tension of the spray droplet on the plant surface, allowing the droplet to spread and cover more surface area. Increased surface area means faster movement of the active into the target, speeding the process of killing the target. The humectants in JACKHAMMER slow drying of the droplets on the leaf surface. This, along with the increased surface area coverage, increases movement of the active into the target for better efficacy. This combination of properties, water conditioning, reduced surface tension and humectancy, helps insure better, more consistent control of disease and infestation over a wider range of conditions than with pesticide or any single-property adjuvant alone.

DIRECTIONS FOR USE NOT FOR AQUATIC USE

Be sure to follow all directions on the pesticide label. Check the pesticide label for pH considerations. JACKHAMMER will reduce pH of the tank mix dramatically. Use only if use of the pesticide is not excluded in low pH conditions. The applicator or consultant must have experience using this product or have performed a phytotoxicity test to ensure safety and a "jar" test to ensure compatibility with the exact mix being used. Follow the mixing order established on the label. If the order is not clear, follow the directions below.

1. Add water to the tank, preferably ½ or more full and start stirring.

2. Add any dry formulations such as DG, DF or WSP formulations. Allow to disperse and mix thoroughly so that no lumps or clumps are left before moving on.
3. Continue stirring and add other ingredients including pesticides, fertilizers and other adjuvants. It is preferable, but not necessary, to add JACKHAMMER prior to adding glyphosate.

USE RATES

Pesticide	Use Rate (quarts/100 gallons of tank mix)
Glyphosate, "full load"	1-2
Glyphosate, "partial load" or "unloaded"	2-4
Most other pesticides	1-2

STORAGE AND DISPOSAL

Storage: Store locked up. Will corrode incompatible materials. Extremely corrosive to copper, aluminum, zinc and mild steel. Polyethylene or polypropylene or other polymers are acceptable materials of construction. Store in a ventilated container only. Storage tanks should be vented and painted white or in light heat deflecting colors. Ensure that all pumps, valves, meters gaskets, etc are of compatible material. Store in a dry place. Store in a cool well ventilated area. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

Disposal: Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all federal, state and local regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. 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.

Conditions of Sale and Warranty Limitation: The directions for use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of CHS or the seller. All such risks shall be assumed by the buyer. CHS warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the inherent risks referred to above. CHS makes no other express or implied warranty of fitness or merchantability or any other express or implied warranty. In no case shall CHS or the seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. CHS and the seller offer this product, and the Buyer and the User accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of CHS.

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NET CONTENTS:
275 Gallons (1041 L)

A BRAND OF 