

GROUND ZERO™

DEPOSITION AID and DRIFT RETARDANT FOR PESTICIDE SPRAYS

PRINCIPAL FUNCTIONING AGENTS:

Proprietary Blend of Poly (1-carbamoylethylene) and Polypropenylamide Co-Polymers, Paraffinic Hydrocarbons and Emulsifiers 100%

KEEP OUT OF REACH OF CHILDREN

WARNING

Causes skin irritation
Causes eye irritation



NET CONTENTS: 16 fl. oz./.47 Liters

SN 011215

MANUFACTURED FOR

HELENA CHEMICAL COMPANY
225 SCHILLING BOULEVARD, SUITE 300
COLLIERVILLE, TN 38017
901-761-0050

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes skin irritation. Causes eye irritation. Keep out of reach of children. Read label before use. Keep container tightly closed. Keep only in original container. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Do Not Freeze. Product will cause a slip hazard.

PERSONAL PROTECTIVE EQUIPMENT: Wear protective gloves/protective clothing/eye protection/face protection.

SHAKE WELL BEFORE USING

FIRST AID

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present, after the first 5 minutes, then continue cautiously rinsing eye. Have the product container with you when calling a poison control center or doctor, or going for treatment. If eye irritation persists: Get medical advice/attention.

IF ON SKIN OR CLOTHING: Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water. Call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice. If skin irritation occurs: Get medical advice or attention.

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. Immediately call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice. 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.

STORAGE AND DISPOSAL

STORAGE: Keep from freezing. Store in a cool well-ventilated place. 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.

GENERAL INFORMATION

GROUND ZERO™ is a unique PAM-based deposition aid and drift retardant. This flexible technology adjuvant decreases driftable fines while improving deposition in pesticide spraying. GROUND ZERO™ disperses easily and is effective at low usage rates. GROUND ZERO™ is compatible with glyphosate herbicides, and with most water soluble and wettable powder pesticides, desiccants, and cotton defoliant when applied by aerial application or standard ground equipment.

DIRECTIONS FOR USE

NOTE: This product is extremely concentrated and effective in mixing as low as 1 oz. per 100 gallons. Start with lower dosage and increase as needed. A thickened or "stringy" solution indicates that too much GROUND ZERO™ has been used.

Disclaimer: Always refer to the label on the product before using Helena or any other product.

Step 1. Select correct dosage from chart below.

Step 2. Fill mix tank with water, pesticide and other additives and begin to agitate.

Step 3. SHAKE GROUND ZERO™ BOTTLE WELL BEFORE USING.

Step 4. For best mixing results, either (1) inject GROUND ZERO™ liquid into the suction side of the feeder or recirculating pump to obtain adequate dispersion of the polymer throughout the pesticide solution, or (2) slowly add GROUND ZERO™ liquid to the rapidly agitating tank mix in the area of highest turbulence by pouring a very thin stream.

Step 5. Continue to agitate mix tank for at least 2 minutes before spraying.

Step 6. Follow all cleanup precautions on label of pesticide used. Follow governmental procedures for disposal of pesticide spray solution.

DOSAGE CHART		
Spray Pressure	Nozzle Orientation	GROUND ZERO™ *DOSAGE
Aerial Applied below 45 psi	Straight Back	2-6 oz.
	45° Angle Back	4-8 oz.
Ground Application low (below 30 psi)	Flat Fan, Flooding	1-4 oz.
	Off-Center	3-5 oz.
medium (30-50 psi)	Flat Fan, Flooding	3-4 oz.
	Off-Center	4-6 oz.
	Spray Guns	5-8 oz.
high (over 50 psi)	Spray Guns	8-32 oz.

* ounces per 100 gallons of spray solution.

For home and garden sprayers, use approximately 1 tablespoon of GROUND ZERO™ per 5 gallons of spray solution.

To avoid product degradation and equipment corrosion, do not use iron, copper, or aluminum containers or equipment. This material reacts slowly with iron, copper, and aluminum, resulting in corrosion and product degradation. Do not store near oxidizing agents.

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 on this label are believed to be reliable and must be followed carefully. Insufficient control of pests and/or injury to the 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 Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man 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 Helena Chemical Company's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, 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 and the 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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