

Raze

DRY WATER CONDITIONING AGENT FOR HERBICIDE SPRAYS
WITH MICROBIAL TECHNOLOGY FOR ACCELERATING CROP RESIDUE BREAKDOWN

PRINCIPAL FUNCTIONING AGENTS

Ammonium sulfate,
2-hydroxy-1,2,3-propanetricarboxylic acid,
consortium of microbials.....100%
Total.....100%

All ingredients are exempt from the requirements
of a tolerance under 40 CFR 180.

MINIMUM GUARANTEED ANALYSIS

Microbial content..... 2.5%
Bacillus amyloliquefaciens.....2.125 x 10⁹ cfu/g
Bacillus licheniformis..... 8.500 x 10⁹ cfu/g
Bacillus megaterium..... 2.125 x 10⁹ cfu/g
Bacillus pumilus.....6.375 x 10⁹ cfu/g
Phanerochaete chrysosporium..... 1.487 x 10⁵ cfu/g
Trichoderma harzianum..... 6.375 x 10⁵ cfu/g



KEEP OUT OF REACH OF CHILDREN WARNING

Hazard Statements

Causes serious eye irritation. May be harmful if swallowed.
May be harmful in contact with skin. Causes mild skin
irritation.

Precautionary Statements

Wash hands, face and other affected areas thoroughly
after handling. Wear protective gloves/clothing and
eye/face protection. Do not eat, drink or smoke when
using this product. Call a poison center or physician if
you feel unwell.

IF SWALLOWED: Rinse mouth. Call a poison center or
doctor/physician if you feel unwell.

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/attention.

IF ON SKIN: If skin irritation occurs, get medical advice
or attention. Not a skin sensitizer.

Refer to back of bag for more First Aid statements.

Storage, Disposal & Spill

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

STORAGE: Store in tightly closed bag in a dry, well
ventilated area, away from excessive heat, open flame
and incompatibles (oxidizing agents, bases, chlorates,
nitrates). Do not allow water or other chemicals to be
introduced into contents of bag.

DISPOSAL: Completely empty bag contents into spray
tank. Empty bags should be disposed of in a sanitary
landfill or by incineration if allowed by state and local
regulations. Dispose of contents and bag in accordance
with local, state, and federal regulations.

SPILL: If spill occurs, do not attempt to clean up with
water, as area will become slippery. Simply sweep and
dispose of material.

Environmental Hazards

Do not contaminate water sources by cleaning of equipment
or disposal of wastewaters.

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

Approved For Aquatic Use



KALO

KALO, Inc., 13200 Metcalf Avenue, Overland Park, KS 66213
800-255-5196 • www.kalo.com

Net Contents: 20 Pounds (9.09 Kg)



First Aid

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/attention. Call a poison control center or doctor for treatment advice.

If On Skin: If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash before reuse. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

If Swallowed: Call a poison center or doctor/physician if you feel unwell. Call a poison control center or doctor immediately for treatment advice. Have the 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 Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

General Information

Raze is a water conditioning adjuvant system along with a proprietary consortium of microorganisms to hasten the natural breakdown and conversion of crop residue into nutrient rich soil organic matter.

The Microbial Technology consists of a premium blend of microorganisms and fungi that actively break down crop residue while cycling nutrients for subsequent uptake. The Microbial Technology is a proven microbial collection that is used on millions of acres annually. Accelerated breakdown of crop residue allows for more carbon to be captured and recycled to build soils, increase nutrient availability, and enhance plantability for greater yield potential.

Raze is suitable for use alone or in tank mix applications with burn down herbicides such as glyphosate, 2,4-D, and others requiring AMS or water conditioning to prevent hard water antagonism. The sulfur in Raze serves as an important food source for bacteria to multiply and is a key component for protein synthesis both for plants and bacteria.

Raze is a spray-grade formulation that readily dissolves in water to neutralize antagonism from hard water minerals such as iron, calcium and magnesium. When used at the labeled rate, Raze delivers equivalent water conditioning and chelating performance of up to 2% by weight (w/w) of ammonium sulfate spray solutions.

Raze is compatible with a wide range of crop protection inputs and can be used with additional tank mixed spray adjuvants such as nonionic surfactants and drift control agents as needed.

Crop residue that has been sprayed with Raze is not harmful to livestock.

Not Approved For Aquatic Use

Raze is a trademark of KALO, Inc.



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Directions For Use

Always read and follow the directions of the herbicide label that is being used with this spray adjuvant. Additional surfactant and drift/deposition agents are compatible and recommended with this product. Observe all precautionary statements on the herbicide label.

Use Rates for Ground Application

Use 5 pounds of Raze per 100 gallons of water applied at 12 to 15 gallons per acre.

SEASONAL APPLICATIONS

Fall: Apply after harvest for best performance.

Spring: Apply with early herbicide application or in the termination of cover crops.

Summer: Ideal for breaking down wheat stubble.

NOTE: Specific timing for optimal use varies based on tillage practices, fertility levels and other factors.

Mixing Instructions

Tank mixes containing Raze should be used within 48 hours of mixing for best results. Unless otherwise instructed by accompanying crop protection label, follow these mixing instructions:

- 1. Fill spray tank one half full of water and begin agitation.
- 2. SLOWLY add required amount of Raze to the water at the point of maximum agitation. Vigorous agitation is required to disperse the product.
- 3. Continue agitation until Raze is completely dissolved.
- 4. Continue filling while recirculating.
- 5. Add herbicides and/or additional adjuvants as directed by the herbicide label.

Maintain good agitation until the contents of the tank are sprayed. If mixture is allowed to settle, thorough agitation is required to resuspend mixture before spraying is resumed. Always make sure that dry powders are completely dissolved in the spray tank.



SAFETY DATA SHEET

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.