

Drexel®

BS-500™

Buffering Acidifier / Sequestering Water Conditioner

PRINCIPAL FUNCTIONING AGENT:

Blend of the ammonium salts of polyacrylic, hydroxy carboxylic and phosphoric acid 50.0%

COMPONENTS INEFFECTIVE AS

SPRAY ADJUVANT: 50.0%

TOTAL: 100.0%

Ingredients exempt from tolerance under 40 CFR 180.

KEEP OUT OF REACH OF CHILDREN

DANGER

Causes severe skin burns and eye damage.

Causes serious eye damage.

Harmful if swallowed.

Harmful if inhaled.



See FIRST AID and Additional Precautionary Statements Below

Read Entire Label Before Using This Product

SHAKE WELL BEFORE USE (Recirculate Contents Before Use)

**Net Content:
2.5 Gals. (9.46 L)**

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER: Causes severe skin burns and serious eye damage. Harmful if swallowed or if inhaled. Do not get in eyes, on skin or on clothing. Do not eat, drink or smoke when using this product. Do not breath spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Wash contaminated clothing before reuse. Avoid release to the environment.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Wear protective gloves, protective clothing, eye protection and face protection (such as goggles or face shield).

FIRST AID

IF ON SKIN (OR HAIR) OR CLOTHING:

- Take off immediately all contaminated clothing.
- Rinse skin immediately with water or shower.
- Immediately call a poison control center or doctor.

IF IN EYES:

- Rinse cautiously with water for 15 to 20 minutes.
- Remove contact lenses, if present and easy to do so.
- Immediately call a poison control center or doctor.

IF SWALLOWED:

- Rinse mouth.
- Do NOT induce vomiting.
- Immediately call a poison control center or doctor.

IF INHALED:

- Remove person to fresh air and keep comfortable for breathing.
- Immediately call a poison control center or doctor.

(Continued)

FIRST AID (Cont.)

Have the product container or label with you when you call the poison control center or doctor or going for treatment. You may also call CHEMTREC at 1-800-424-9300 for emergency.

NOTE TO PHYSICIAN:

Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARDS

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

USE INFORMATION

BS-500 is a matched blend of buffers and sequestrants designed to enhance pesticide performance. This product acidifies (lowers pH) spray solutions thus preventing alkaline hydrolysis of pesticides sensitive to high pH. This product sequesters hard water ions thus preventing the antagonism of herbicides sensitive to hard water. In addition, the combination of sequestrants and ammoniacal nitrogen improve the absorption of herbicides, defoliants and desiccants. This product may be used on a wide variety of Agricultural, Industrial and Non-Cropland sites including but not limited to Field Crops, Forestry, Ornamentals, Permanent Crops, Rights-of-Way, Turf and other uses.

USE PRECAUTIONS

Do not mix this product with undiluted pesticides. Use this product only with pesticides which are compatible with low pH (acid conditions). Always read the label of the tank-mixed product for use directions, precautions and restrictions. Follow the most restrictive label. Prior to use with any pesticide(s), all spray mixing and application equipment must be thoroughly cleaned. Observe all cleaning instructions on the label of the pesticide to be used. The use of test areas is recommended when applying during periods of high humidity or high temperature or to other situations where field or use experience is limited.

Manufactured By:

Drexel Chemical Company

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SINCE 1972

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DIRECTIONS FOR USE

Acidification: Add this product at the rate listed below to reduce spray solution pH.

Initial pH of water	Desired pH of water	Rate of This Product per 100 Gal. water (fl. oz.)
9.0	6.5	1.5
9.0	5.5	2.5
8.0	6.0	1.5
8.0	5.5	2.5
7.4	6.5	1.0
7.4	6.0	1.5
7.4	5.0	3.0
7.4	4.5	4.5
6.4	6.0	0.5
6.4	5.0	1.0
6.4	5.0	1.5
6.4	4.0	2.0

Water Conditioning: Add this product at 4 to 64 fluid ounces per 100 gallons of water depending on water hardness, which can be expressed in either parts per million or grains per gallon.

Classification	PPM Hardness	Grains/Gallon Hardness	This Product Use Rate
Soft	<17.1	<1.0	4 fl. oz. / 100
Slight Hard	17.1 to 60	1.0 to 3.5	8 fl. oz. / 100
Moderate Hard	60 to 120	3.5 to 7.0	16 fl. oz. / 100
Hard	120 to 180	7.0 to 10.5	32 fl. oz. / 100
Very Hard	>180	>10.5	64 fl. oz. / 100

STORAGE AND DISPOSAL

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

PRODUCT STORAGE: Protect from freezing. Product may crystallize at temperatures less than 33°F. Store in original container. Keep container tightly sealed. Do not allow chemicals or water to be introduced into contents of container.

PRODUCT DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Do not reuse empty container. Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal. 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.acrecycle.org. Decontaminated containers may also be disposed of in a sanitary landfill.

WARRANTY — CONDITIONS OF SALE

OUR DIRECTIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the Seller. To the extent consistent with applicable law, Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. To the extent consistent with applicable law, in no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.