



B-52[®]

Buffer - Acidifier

PRINCIPLE FUNCTIONING AGENTS: (BY WEIGHT)

Aliphatic Polycarboxylate and Calcium Chloride	28%
Constituents Ineffective as a Spray Adjuvant	72%
TOTAL	100%

All ingredients are exempt from tolerance requirements under 40 CFR 180.1001 (d).

WARNING

KEEP OUT OF REACH OF CHILDREN

Causes eye irritation. Avoid contact with eyes. Wear goggles or face shield when handling. Avoid breathing vapors. Use respiratory protection device when handling. Harmful if swallowed. Avoid contact with skin. Wear chemical resistant gloves, long sleeve shirt, pants, socks, and chemical resistant footwear. **NOTE:** Read and follow all label directions and cautions on all products used.

STATEMENT OF PRACTICAL TREATMENT

- If Inhaled:** Remove to fresh air, treat symptomatically. Seek medical attention.
- If Swallowed:** Rinse out mouth and drink 2 glasses of water. **DO NOT INDUCE VOMITING.** Seek immediate medical attention.
- If On Skin:** If contact occurs immediately flush with plenty of water. Seek medical attention if irritation persists.
- If In Eyes:** In case of contact with eyes, immediately flush with water. Seek medical attention if irritation persists.

FOR CHEMICAL SPILL, LEAK, FIRE OR EXPOSURE CALL CHEMTREC (800) 424-9300.

Manufactured for:
Columbia River
 4151 Chelan Hwy., Wenatchee, WA 98801

GENERAL INFORMATION

B-52 is an organic acidulant and buffering agent for lowering the pH of spray water. This formulation utilizes organic acids instead of corrosive mineral acids and therefore is safe to use in spray equipment. **B-52** does not contain heavy metals that may inactivate companion pesticides.

Use of **B-52** will help preserve pesticide integrity, from alkaline hydrolysis in spray waters with pH above 7, and at all levels of alkalinity.

B-52 is an excellent acidifying agent for lowering the pH of spray tank water.

B-52 reduces pesticide degradation caused by alkaline hydrolysis. It should always be added to the spray tank while agitating, but before the addition of any pesticides.

This product cannot be used for aquatic applications. **NOTE: KEEP OUT OF LAKES, PONDS OR STREAMS. DO NOT CONTAMINATE WATER BY CLEANING OF EQUIPMENT OR DISPOSAL OF WASTES.**

NOTE: Always read and follow the entire pesticide label for specific directions and any special use precautions.

APPLICATION RATES

	<u>per 100 gallons</u>
Spray water acidification	1/2 to 2 pints
Waters less than 500 ppm alkalinity	1/2 to 1 pint
Waters greater than 500 ppm alkalinity	1 to 2 pints

B-52 will disperse in water with little agitation, following this mixing sequence:
 1. Water 2. **B-52** 3. Pesticide.

STORAGE AND DISPOSAL

Store at temperatures between 40°F (5°C) - 90°F (32°C). Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Store in original container. Store in closed storage areas. Triple rinse or equivalent, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by procedures approved by federal, state and local authorities.

WARRANTY

COLUMBIA RIVER warrants that this product, when used as directed and in accordance with sound agricultural practices, is reasonably fit for the purposes stated on the label. Buyer assumes the risk of any use contrary to the directions so stated. COLUMBIA RIVER will not be liable for indirect or consequential damages. COLUMBIA RIVER makes no other expressed or implied warranty of Fitness or Merchantability. This warranty shall not be changed by oral or written agreement unless signed by a duly authorized officer of COLUMBIA RIVER. In no event shall COLUMBIA RIVER'S liability for any breach of warranty exceed the purchase price of the product to which a claim is made.

SPECIMEN LABEL