



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

8/28/03

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Vernell Stornes
Pro-Serve, Inc.
PO Box 161059
Memphis, TN 38186-1059

Dear Mr. Stornes:

Subject: First Aid Revisions per PR Notice 2001-1

Products: Bareground 21, Barespot Weed and Grass (20 and 50 lbs), Barespot Ureabor,
Barespot Monobor-Chlorate (Greenhouse and Non-Greenhouse Use)

Registration Number: 33560-43, 33560-46, 33560-47, 33560-48

Your Submission Dated: 07/01/03

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended is acceptable, provided you make the following changes before you release the product for shipment.

1. **33560-43 (Bareground 21)**

The label for this product was reviewed when it was submitted for a name change of the product. The changes necessary per PR Notice 2001-1 were noted and mailed in a letter dated 08/07/2003.

2. **33560-46 (Barespot Weed and Grass - 20 and 50 lbs)**

- The signal word must be changed from DANGER to WARNING.
- The NOTE TO PHYSICIAN which reads, "Probable mucosal damage may contraindicate the use of gastric lavage," is only necessary for corrosive or Toxicity Category I Eye or Skin Irritants. Please remove this statement from the label.
- The IF ON SKIN subheading under First Aid should be changed to IF ON SKIN OR CLOTHING
- In the PERSONAL PROTECTIVE EQUIPMENT section, change "Waterproof gloves" to "Chemical resistant gloves made of any waterproof material."
- The order of the First Aid statements and the order of the Hazards to Humans and Domestic Animals statements should correspond, with the most severe routes of exposure listed first. The HAZARDS TO HUMANS AND DOMESTIC ANIMALS section should be changed to "Causes substantial but temporary eye injury. Wear protective eyewear (goggles, face shield, or safety glasses). Avoid contact with eyes or on skin or clothing. Harmful if adsorbed through the skin or swallowed. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse."

3. **33560-47 (Barespot Ureabor)**

- The order of the First Aid statements and the order of the Hazards to Humans and Domestic Animals statements should correspond, with the most severe routes of exposure listed first. The HAZARDS TO HUMANS AND DOMESTIC ANIMALS section should be changed to "Corrosive. Causes irreversible eye damage. Wear protective eyewear (goggles, face shield, or safety). Do not get in eyes or on skin or clothing. Harmful if swallowed. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse."

- Move the STORAGE AND DISPOSAL information into the DIRECTIONS FOR USE section, preferably blocked, near the beginning or end of the section. This information is preferred at the end of the DIRECTIONS FOR USE section.
- In the GENERAL PRECAUTIONS AND RESTRICTIONS section add, "Do not enter or allow entry by domestic animals and other persons until dusts have settled. Do not apply product in a way that will contact workers or other persons, either directly or through spray drift. Only protected handlers may be in the area during application."

4. **33560-48 (Barespot Monobor-Chlorate - Greenhouse and Non-Greenhouse Use)**

- In the PERSONAL PROTECTIVE EQUIPMENT and AGRICULTURAL USER REQUIREMENT sections, change "Waterproof gloves" to "Chemical resistant gloves made of any waterproof material."
- The order of the First Aid statements and the order of the Hazards to Humans and Domestic Animals statements should correspond, with the most severe routes of exposure listed first. The HAZARDS TO HUMANS AND DOMESTIC ANIMALS section should be changed to "Corrosive. Causes irreversible eye damage. Wear protective eyewear (goggles, face shield, or safety). Do not get in eyes or on skin or clothing. Harmful if swallowed. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse."
- Add a NON-AGRICULTURAL USE REQUIREMENTS box that addresses reentry and PPE for reentry for non-WPS users. This box may be placed anywhere in the Directions for Use section of the label after the Agricultural Use Requirements box. The following statements must be contained in the non-agricultural use requirements box:

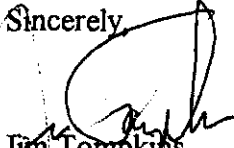
"Non-Agricultural Use Requirements"

"The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses."

In addition, place into the Non-Agricultural Use Requirements box all the entry restrictions, notification requirements, PPE or other statements and instructions that apply to the non-WPS uses on the label. Examples: "Keep children and pets out of the treated area until sprays have dried." or "Keep unprotected persons out of treated areas until sprays have dried."

Submit three (3) copies of final printed labeling incorporating the above changes before you release these products for shipment. Amended labeling will supercede all previously accepted labels. Stamped copies of labeling are enclosed for your records.

Sincerely,



Jim Tompkins
Product Manager, Team 25
Herbicide Branch
Registration Division

Enclosure

Greenhouse Use 489

BARESPOT® MONOBOR-CHLORATE

Granular, Non-Selective, Residual Herbicide

Active Ingredients	by WT
Sodium Chlorate (NaClO ₃)	30.0%
Sodium Metaborate* (Na ₂ B ₂ O ₄)	48.5%
Inert Ingredients	21.5%

TOTAL 100.0%

*Equivalent to 6.5% boron expressed as elemental boron.

THIS PRODUCT CONTAINS A FIRE RETARDANT

50 POUNDS NET WEIGHT

EPA REG. NO 33560-48 EPA Est. No.33560-TN-1

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lens, if present, after first five minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or a doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have 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 mouth-to-mouth if possible. Call a Poison Control Center or doctor for further treatment advice.

Have this product container or label with you, when calling a poison control center or doctor or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive. Causes irreversible eye damage. Harmful if swallowed or absorbed through the skin. Do not get in eyes, or on clothing. Avoid contact with skin.

USER SAFETY RECOMMENDATIONS

USERS SHOULD: Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

Long-sleeved shirt and long pants.

Shoes plus socks.

Protective eyewear.

Waterproof gloves.

Follow manufacturer's instructions for cleaning / maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Do not store near food or feed products. Store out of weather.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water used by wildlife and aquatic life, or for domestic and irrigation purposes. Do not apply where run-off is likely or where weather conditions favor movement away from target areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

GENERAL INFORMATION

BareSpot® Monobor-Chlorate is designed for non-selective kill of weeds and grasses with a single treatment. Use for quick knockdown of existing vegetation as well as short season effect in the soil for control of regrowth or new seedlings.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling.

ACCEPTED
with COMMENTS
in EPA Letter Dated

8/28/03

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

33560-48

FOR USE ON NON-CROPPED AREAS

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IMPORTANT: This material is not selective in action, may be toxic to all types of vegetation, and may render the entire treated area totally or partially unproductive for one or more years. Care should be taken to continue the use of application to the particular area intended to be treated and to avoid its contact with lawns, trees, shrubs, crops and other desirable plants which are not intended to be destroyed or injured. This includes precautions in treating areas which may be underlaid by roots of adjacent desired growths. Careless application of this material, or washing by water run-off to areas where desirable plants are growing or which will be used for later planting may result in injury to desirable plants. Do not drain or flush equipment on or near such areas.

Do not contaminate domestic or irrigation water or waters used by fish and wildlife. Wash clothing and equipment after application. Keep animals off treated area until rainfall has leached all the herbicide into the soil. Mechanical equipment should be thoroughly cleaned after use.

WHERE TO USE

AROUND OR NEAR THE FOLLOWING: Bleachers, Bridge abutments, Buildings, Bunkers, Buried cable closures, Catwalks, Cemeteries, Compressor stations, Cooling towers, Cross connect boxes, Ditch banks, Electrical generators, Fence lines, Fire hydrants, plugs or walls, Fuel tanks, Generating plants, Guardrails, Helo pads, Highway & street markers, Loading stations, Lumber yards, Microwave towers, Oil & Gas pipelines, Oil refineries, Parking lots, Pump decks, Railroad lines & sidings, Runway lights, Runways, Sign posts, Storage & equipment yards, Utility poles & substations, Vacant lots, Valves & manifolds, Waste lagoons.

UNDER THE FOLLOWING: Asphalt, Concrete, Gravel Driveways, Sidewalks or walkways and other similar non-cropped areas.

WHEN TO USE: Use BareSpot® Monobor-Chlorate anytime during the growing season. Weeds and grasses are easier to kill when they are young and growing rapidly.

UNDER ASPHALT PAVING - For use as "prepaving" residual herbicide under asphalt paving to prevent premature breakdown of paving due to weeds. It is recommended to apply BareSpot Monobor-Chlorate to the finished pre-asphalt grade. For dry application, 2-4 pounds per 100 square feet. After treatment apply at least 2 gallons of water per 100 square feet to dissolve and incorporate the herbicide in the soil. For spray application, dissolve 1-2 pounds per gallon of water and apply 1 1/2 -2 gallons per 100 square feet. Where surfacing has already cracked by emergent vegetation, inject BareSpot Monobor-Chlorate in a solution of 2 pounds per gallon of water.

Inject under pressure into the subsoil with a sharpened, perforated steel pipe.

FOR USE IN GREENHOUSES

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during restricted entry interval (REI) of 12 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: Coveralls, waterproof gloves, shoes plus socks and protective eyewear.

WHEN TO USE: Use BareSpot Monobor Chlorate anytime during the growing season. Weed and grasses are easier to kill when they are young and growing rapidly.

WHERE TO USE: Apply where bare ground is desired; under plant tables, on walkways and around building perimeters. Do not allow the product or treated ground to come in contact with plant containers or areas which may be underlaid by roots of adjacent desired growth. Application to these areas may result in injury or destruction of the plant.

APPLICATION: BareSpot® Monobor-Chlorate is ready to use! Apply with a hand-operated spreader, such as a conventional cyclone type spreader, or a power spreader for larger areas. Apply granules uniformly over the area to be treated. The material becomes effective in the soil, followed by rainfall or watering.

Use the following rates of application under most conditions:

PRO-SERVE, INC.

APPLICATION CONVERSIONS:

	Per 100 Sq. Feet		
	2 lbs.	3 lbs.	4 lbs.
2 ft. diameter	1 oz.	1 ½ oz.	2 oz.
4 ft. diameter	4 oz.	6 oz.	8 oz.
6 ft. diameter	9 oz.	13 ½ oz.	18 oz.

½ rate can be used when weeds are young and growing rapidly.

liable in respect to any injury or damages suffered by reason of the use of this product for a purpose not indicated by the label or when used contrary to the directions or instructions herein nor with respect to breach of any warranty not expressly specified herein. Buyer accepts this material subject to these terms and assumes all risks of usage and handling except when used or handled in accordance with this label. Neither manufacturer nor seller makes, and their employees and agents are not permitted to make, any representations or warranties, express or implied by law, not specifically set forth herein.

DISCLAIMER: Pro-Serve, Inc. warrants only that the material contained herein conforms to the chemical description of the label and is reasonably fit for the use therein described when used in accordance with the directions. It is impossible to eliminate all risks associated with use of this product. Injury to desired vegetation, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other minerals, soil conditions, or the manner of use or application, all of which are beyond consequential commercial damages, such as loss of profits or values of any other special or indirect damage. Pro-Serve, Inc. makes no other expressed or implied warranty, including any other express or implied warranty of FITNESS or MERCHANTABILITY.

KINDS OF WEEDS	APPLICATION RATES
General weed control	2 lbs. per 100 sq. ft.*
Perennial weed control	4 lbs. per 100 sq. ft.**

Approximately 2½ cups of BareSpot® Monobor-Chlorate equal 1 lb.

**As low as 1 lb. /100 sq. ft. can be used on young and rapidly growing perennial weeds.*

***As low as 2 lbs. /100 sq. ft. can be used on young and rapidly growing perennial weeds*

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Avoid contact with floor and moisture.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Empty product from bag before disposal. Dispose of bag in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

NOTICE: Because of the many varying conditions affecting use and application, such as location, seasonal weather, soil composition and type of vegetation, manufacturer warns buyer that these and other conditions may impair or vary the results or effects of the use of this product. In any event, complete elimination of weeds is not guaranteed. It is advisable to consult your State Extension Service or Agricultural Experiment Station Weed Specialist on specific problems. Neither manufacturer nor seller shall be

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BARESPOT® MONOBOR-CHLORATE

Granular, Non-Selective, Residual Herbicide
For Non-Selective Kill of Weeds and Grasses with a Single Treatment!

Active Ingredients	by WT
Sodium Chlorate (NaClO ₃)	30.0%
Sodium Metaborate* (Na ₂ B ₂ O ₄)	48.5%
Inert Ingredients	21.5%
TOTAL	100.0%

*Equivalent to 6.5% boron expressed as elemental boron.

THIS PRODUCT CONTAINS A FIRE RETARDANT
10 OR 20 POUNDS NET WEIGHT

EPA REG. NO 33560-48 EPA Est. No.33560-TN-1

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lens, if present, after first five minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or a doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have 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 mouth-to-mouth if possible. Call a Poison Control Center or doctor for further treatment advice.

Have this product container or label with you, when calling a poison control center or doctor or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive. Causes irreversible eye damage. Harmful if swallowed or absorbed through the skin. Do not get in eyes, or on clothing. Avoid contact with skin.

USER SAFETY RECOMMENDATIONS

USERS SHOULD: Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:
Long-sleeved shirt and long pants.
Shoes plus socks.
Protective eyewear.
Waterproof gloves.

Follow manufacturer's instructions for cleaning / maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Do not store near food or feed products. Store out of weather.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water used by wildlife and aquatic life, or for domestic and irrigation purposes. Do not apply where run-off is likely or where weather conditions favor movement away from target areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

GENERAL INFORMATION

BareSpot® Monobor-Chlorate is designed for non-selective kill of weeds and grasses with a single treatment. Use for quick knockdown of existing vegetation as well as short season effect in the soil for control of regrowth or new seedlings.

USE AROUND OR NEAR

Asphalt	Patios
Buildings	Picnic Areas
Concrete	Sidewalks/Walkways
Ditch banks	Storage yards
Fence lines	Vacant Lots
Gravel driveways	Wood Decks

ACCEPTED
with COMMENTS
in EPA Letter Dated

8/28/03

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

33560-48

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling.

WHEN TO USE: Use BareSpot® Monobor-Chlorate anytime during the growing season. Weeds and grasses are easier to kill when they are young and growing rapidly.

WHERE TO USE: APPLY where bare ground is desired. Do not apply near lawns, trees, shrubs, crops, and other desirable plants. Do not treat areas which may be underlaid by roots of adjacent desired growth. Application to these areas may result in injury or destruction of the plant.

HOW IT WORKS: When applied as a granule, BareSpot® Monobor-Chlorate is absorbed by the roots, causing weeds or grasses to turn brown. Smaller, succulent weeds are affected first. Larger plants will yellow and turn brown at the tips as growth stops. It will take several days before visual signs are noticeable. A residual barrier remains active in the upper soil to control later germinating weeds.

BareSpot® Monobor-Chlorate kills the seedlings, not the seeds. Seedlings will sprout. After they reach 1/2 to 1 inch of growth and the root contacts the soil, it will die. BareSpot® Monobor-Chlorate can be expected to provide 3 to 6 months control depending on soil type and rainfall.

APPLICATION: BareSpot® Monobor-Chlorate is ready to use! Apply with a hand-operated spreader, such as a conventional cyclone type spreader, or a power spreader for larger areas. Apply granules uniformly over the area to be treated. The material becomes effective in the soil, followed by rainfall or watering.

	Per 100 Sq. Feet		
	2 lbs.	3 lbs.	4 lbs.
2 ft. diameter	1 oz.	1 1/2 oz.	2 oz.
4 ft. diameter	4 oz.	6 oz.	8 oz.
6 ft. diameter	9 oz.	13 1/2 oz.	18 oz.

1/2 rate can be used when weeds are young and growing rapidly.

GENERAL WEED CONTROL
 2 LBS. PER 100 SQ. FT.
PERENNIAL WEED CONTROL
 4 LBS. PER 100 SQ. FT.
Approximately 2 1/2 cups of BareSpot® Monobor-Chlorate equal 1 lb.

FOR USE ON NON-CROPPED AREAS

IMPORTANT: This material is not selective in action, may be toxic to all types of vegetation, and may render the entire treated area totally or partially unproductive for one or more years. Care should be taken to continue the use of application to the particular area intended to be treated and to avoid its contact with lawns, trees, shrubs, crops and other desirable plants which are not intended to be destroyed or injured. This includes precautions in treating areas which may be underlaid by roots of adjacent desired growths. Careless application of this material, or washing by water run-off to areas where desirable plants are growing or which will be used for later planting may result in injury to desirable plants. Do not drain or flush equipment on or near such areas.

Do not contaminate domestic or irrigation water or waters used by fish and wildlife. Wash clothing and equipment after application. Keep animals off treated area until rainfall has leached all the herbicide into the soil. Mechanical equipment should be thoroughly cleaned after use.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Avoid contact with floor and moisture.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: If empty: Do not reuse this container. Place in trash or offer for recycling of available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

NOTICE: Because of the many varying conditions affecting use and application, such as location, seasonal weather, soil composition and type of vegetation, manufacturer warns buyer that these and other conditions may impair or vary the results or effects of the use of this product. In any event, complete elimination of weeds is not guaranteed. It is advisable to consult your State Extension Service or Agricultural Experiment Station Weed Specialist on specific problems. Neither manufacturer nor seller shall be liable in respect to any injury or damages suffered by reason of the use of this product for a purpose not indicated by the label or when used contrary to the directions or instructions herein nor with respect to breach of any warranty not expressly specified herein. Buyer accepts this material subject to these terms and assumes all risks of usage and handling except when used or handled in accordance with this label. Neither manufacturer nor seller makes, and their employees and agents are not permitted to make, any representations or warranties, express or implied by law, not specifically set forth herein.

DISCLAIMER: Pro-Serve, Inc. warrants only that the material contained herein conforms to the chemical description of the label and is reasonably fit for the use therein described when used in accordance with the DIRECTIONS. It is impossible to eliminate all risks associated with use of this product. Injury to desired vegetation, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other minerals, soil conditions, or the manner of use or application, all of which are beyond consequential commercial damages, such as loss of profits or values of any other special or indirect damage. Pro-Serve, Inc. makes no other expressed or implied warranty, including any other express or implied warranty of FITNESS or MERCHANTABILITY.

PRO-SERVE, INC.

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