



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

November 1, 2021

Brian Hogan  
Agent  
Microbe Solutions, LLC  
182 Queens Blvd  
Bayville, NJ 08721

Subject: Notification per PRN 98-10 – Modify Label Layout and Other Minor  
Edits Product Name: Fresh Start 105  
EPA Registration Number: 95656-2  
Received Date: October 4, 2021  
Action Case Number/Decision Number: 00327234

Dear Brian Hogan:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Assurance.

If you have any questions, you may contact Joe Daniels via email at [Daniels.joseph@epa.gov](mailto:Daniels.joseph@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Miederhoff".

for

Eric Miederhoff, Product Manager 31  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

{Throughout this label { } used for Notes to Reviewer, [ ] used for optional text and ( ) used for clarification and acronyms. Where [Product Name] appears, the product name, alternate brand name or supplemental distributor product name should be inserted.}

**NOTIFICATION**

95656-2

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

11/01/2021



# COMMON SENSE FRESH START 105

**MICROBIOSTATIC AGENT \***  
**A Silicone Quaternary Ammonium Salt**

**Active Ingredient:** 3-(trimethoxysilyl) propyldimethyloctadecyl ammonium chloride.....**5.0%**  
**Other Ingredients:** .....**95.0%**  
**TOTAL INGREDIENTS:** .....**100.0%**

KEEP OUT OF REACH OF CHILDREN

## WARNING

EPA Reg. No. 95656-~~xx~~2

EPA EST. XXXX-XX-X

NET CONTENTS: 2, 4, 8, 16, 20, 22, or 36 fluid oz.; 1, 5, 55, 150, 275, or 300 gal. X [oz] [fl oz] [gal] [gallons]

Lot No. \_\_\_\_\_

**Manufactured by:**  
 Microbe Solutions, LLC  
 182 Queens Blvd  
 Bayville, NJ 08721

<b>FIRST AID</b>	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>• Call poison control center or doctor for treatment advice.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> </ul>

- 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.

GENERAL INFORMATION: Have the product container or label with you when calling a poison control center or doctor or going for treatment. For non-emergency and general information on product use, etc., information pertaining to this product, call the National Pesticides Information Center at 1-800-858-7378 (NPIC web site: [www.npic.orst.edu](http://www.npic.orst.edu)). For emergencies, call the Poison Control Center at 1-800-222-1222.

\*For use as a microbiostatic agent for material preservation, neither this product nor the articles treated with this product may state or imply any public health claims.

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

WARNING: Causes substantial but temporary eye injury. Harmful if absorbed through skin or inhaled. Do not get in eyes or on clothing. Avoid breathing vapor or spray mist. Avoid contact with skin. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

### Environmental Hazards

Commercial and industrial uses: This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For more information, contact your State Water Board or Regional Office of the EPA.

De-activation ~~may be~~ is required during clean up if a spill occurs. De-activation of COMMON SENSE FRESH START 105 can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of COMMON SENSE FRESH START 105.

Homeowner use: This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.

## DIRECTIONS FOR USE

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

**Approved Commercial and Industrial Applications [and] [or] Approved commercial appliances applications used in homes, offices, vehicles automobiles and institutions e.g., schools, hospitals, daycare centers, churches, correctional facilities**

Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry.

Prepare solution by simply adding COMMON SENSE FRESH START 105 to water or other solvents (for example, alcohol and ketones) and stirring. COMMON SENSE FRESH START 105 can be diluted by following:

Amount of Water	1 quart (32 fl. oz.)	0.5 gallon (64 fl. oz.)	1.0 gallon (128 fl. oz.)	5.0 gallons
COMMON SENSE FRESH START 105	4 fluid ounces	8 fluid ounces	16 fluid ounces	80 fluid ounces

The solution can then be applied to organic or inorganic substrates by brushing, dipping, padding, soaking, spraying or fogging.

**Fogging Application:** This product is for porous and non-porous room surfaces. All surfaces must be cleaned in accordance with label directions prior to fogging. Fogging is a supplement to normal cleaning procedures and practices.

1. Prior to fogging, remove and carefully protect all food products and packaging materials.
2. Ensure room is properly ventilated. Wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus. Vacate all personnel from the room during fogging and for a minimum of 2 hours after fogging and a minimum of 4 air exchanges (ACH) per hour in the facility. Ensure there is no strong odor which is characteristic of acetic acid, before allowing personnel return to work area.
3. Fog areas using one quart per 1000 cu. ft. of room area with 0.3% (3.5 fl. oz. per 10 gallons of water) (or equivalent use dilution) solution.
4. Allow surfaces to drain thoroughly and air dry before operations are resumed.

**Padding Application:** Fabric should be previously scoured and/or dyed and neutralized. Alkalinity may prohibit COMMON SENSE FRESH START 105 from attaching to fabric. pH of fabric should be less than 5.5 to aid pick up. Determine an accurate wet pick up. It is preferable that fabric be padded wet on dry. However, if wet on wet finishing is necessary, it is imperative that an accurate exchange rate be calculated to effect enough COMMON SENSE FRESH START 105 to fabric.

Make up solution of COMMON SENSE FRESH START 105 in head tank or side tank near (The amount of COMMON SENSE FRESH START 105 will be 4-5% on the weight of the goods). Calculate amount needed adjusting for wet pick up of fabric being padded. If vacuuming is used, make adjustment for this also.

Drop solution to pad and run fabric through pad.

Dry substrates at temperatures from ambient to a maximum of 160° C (320° F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. Optimum application and drying conditions, such as time and temperature, should be determined for each application before use. If necessary, reapply COMMON SENSE FRESH START 105 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

**~~For~~–Pump Spray Application:** Dilute 8 ounces of COMMON SENSE FRESH START 105 per gallon of water (2 oz. per quart; 1 oz. per pint). Using pump sprayer, spray entire area 4”-6”s from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. COMMON SENSE FRESH START 105 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more COMMON SENSE FRESH START 105 may be required due to absorption. A fan may be used to assist in drying carpet.

**~~For~~–Commercial Spray Application:** For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaners, and pressure sprayers) dilute 8 ounces of ~~BIO-PROTECT AM500~~ COMMON SENSE FRESH START 105 per gallon of water (2oz. per quart; 1oz. per pint); mix well. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. COMMON SENSE FRESH START 105 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more COMMON SENSE FRESH START 105 may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpet.

**~~For~~–Dipping/Soaking Application:** Use appropriately sized wash basin or tub for dipping/soaking the item you are treating. Use enough COMMON SENSE FRESH START 105 solution to completely submerge item.

Dilute 8 ounces of COMMON SENSE FRESH START 105 per gallon of water (2oz. per quart; 1oz. per pint); mix well. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking.

The substrate can be dried at room temperature or at temperatures to a maximum of 160°C (320° F) for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply COMMON SENSE FRESH START 105 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

**~~For~~–Laundry Application:** Garments must be clean prior to the application of COMMON SENSE FRESH START 105 into your washing machine. If dirty, wash them prior to the antimicrobial treatment. The application of COMMON SENSE FRESH START 105 must be done separately from normal washing. Do not mix with regular detergent.

Pour 4 oz. of COMMON SENSE FRESH START 105 into final rinse water of the washing cycle. Do not use in conjunction with any other laundry products. For front loaders, pour into dispenser for the final rinse cycle.

A typical mid-sized washing machine is capable of handling 9 lbs. of laundry. As the usage guideline

chart below illustrates, a 4 oz. application of COMMON SENSE FRESH START 105 will deliver long-lasting antimicrobial protection to a full load of laundry. For higher capacity washers or commercial application of COMMON SENSE FRESH START 105, refer to the usage guidelines chart below.

Laundry in lbs.	COMMON SENSE FRESH START 105 oz.
9	4
25	12
50	24
100	46
150	68
200	92

COMMON SENSE FRESH START 105 when used as a concrete additive is added directly concrete preparation. Use 6 fluid ounces COMMON SENSE FRESH START 105 per cubic feet of concrete. Add to water before addition of concrete. Addition of COMMON SENSE FRESH START 105 reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion.

COMMON SENSE FRESH START 105 when used as an additive for paints and coatings is added directly during preparation of the paint or coating. Use 5 pounds of COMMON SENSE FRESH START 105 per 100 pounds of paint or coating (or 1 pound COMMON SENSE FRESH START 105 per 20 pounds paint/coating). The addition of the antimicrobial agent (COMMON SENSE FRESH START 105) to paints at the point of manufacture preserves the paint in the can as well as the dried paint film. COMMON SENSE FRESH START 105 inhabits the growth of odor causing bacteria, bacteria which causes staining and discoloration, fungi (mold and mildew), and algae on the surface of dried films and coatings.

## ~~Approved commercial and industrial applications~~ USE SITES

The active ingredient in COMMON SENSE FRESH START 105 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. COMMON SENSE FRESH START 105 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

- Air Filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems.
- Air filters/materials
- Aquarium filter material
- Bath Tubs
- Bathroom[s] [surfaces]
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Non-food contact Cellulose sponges
- Exterior walls (such as stone, concrete, brick)
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass duct board
- Fire hose fabric
- Gym [mats] [equipment]
- [Handicap] Hand Rails
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane and cellulose foam for household, industrial, and institutional, non-food contact sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Sand bags, tents, tarpaulins, sails, and ropes
- Athletic and casual socks
- Shoe insoles
- Showers
- Shower [curtains] [surfaces] [walls] [fixtures]
- Sinks
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene, nylon, Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Steam Rooms
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet[s] [surfaces] (above the water line)
- Toilet Tank and seat covers
- Tubs
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene polyolefins, polypropylene, rayon, spandex, vinyl, wool

- Urinal[s] [surfaces]
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Woman's hosiery
- Woman's intimate apparel

## USE SURFACES

- Carpet
- Ceramic
- Chrome
- Concrete
- Corian
- Fabric
- Fiberglass
- Formica
- Glass
- Metal
- Natural Stone
- Plastic
- Porcelain
- Rubber
- Synthetic Marble
- Tile
- Vinyl
- [Finished] [Painted] Wood



## **~~DIRECTIONS FOR USE~~**

**~~Approved commercial appliances used in homes, offices, automobiles and institutions e.g., schools, hospitals, daycare centers, churches, correctional facilities~~**

~~It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles and face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.~~

~~***For Pump Spray Application:*** Dilute 8 ounces of COMMON SENSE FRESH START 105 per gallon of water (2 oz. per quart; 1oz. per pint). Using pump sprayer, spray entire area 4”-6”s from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. COMMON SENSE FRESH START 105 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more COMMON SENSE FRESH START 105 may be required due to absorption. A fan may be used to assist in drying carpet.~~

~~***For Commercial Spray Application:*** For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaners, and pressure sprayers) dilute 8 ounces of BIO PROTECT AM500 per gallon of water (2oz. per quart; 1oz. per pint); mix well. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. COMMON SENSE FRESH START 105 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more COMMON SENSE FRESH START 105 may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpet.~~

~~***For Dipping/Soaking Application:*** Use appropriately sized wash basin or tub for dipping/soaking the item you are treating. Use enough COMMON SENSE FRESH START 105 solution to completely submerge item. Dilute 8 ounces of COMMON SENSE FRESH START 105 per gallon of water (2oz. per quart; 1oz. per pint); mix well. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking.~~

~~The substrate can be dried at room temperature or at temperatures to a maximum of 160°C (320° F) for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply COMMON SENSE FRESH START 105 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.~~

~~***For Laundry Application:*** Garments must be clean prior to the application of COMMON SENSE FRESH START 105 into your washing machine. If dirty, wash them prior to the~~

antimicrobial treatment. The application of COMMON SENSE FRESH START 105 must be done separately from normal washing. Do not mix with regular detergent.

Pour 4 oz. of COMMON SENSE FRESH START 105 into final rinse water of the washing cycle. Do not use in conjunction with any other laundry products. For front loaders, pour into dispenser for the final rinse cycle.

A typical mid-sized washing machine is capable of handling 9 lbs. of laundry. As the usage guideline chart below illustrates, a 4 oz. application of COMMON SENSE FRESH START 105 will deliver long-lasting antimicrobial protection to a full load of laundry. For higher-capacity washers or commercial application of COMMON SENSE FRESH START 105, refer to the usage guidelines chart below:

Laundry in lbs.	COMMON SENSE FRESH START 105 oz.
9	4
25	12
50	24
100	46
150	68
200	92

The substrate can be dried at room temperature or at temperatures to a maximum of 160°C (320°F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply COMMON SENSE FRESH START 105 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

**Approved commercial applications in homes, offices, automobiles, and institutions e.g., schools, hospitals, day care centers, banks, churches, correctional facilities**

The active ingredient in COMMON SENSE FRESH START 105 is effective against odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. COMMON SENSE FRESH START 105 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity:

- Air Filters for furnaces, air conditioners, air purification devices, automobiles, recirculating air handling systems.
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Cellulose sponges

- Exercise Mats
- Exterior walls (such as stone, concrete, brick)
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass duct board
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Men's underwear and outerwear
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane and cellulose foam for household, industrial, and institutional, non-food contact sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- Sand bags, tents, tarpaulins, sails, and ropes
- Athletic and casual socks
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene, nylon, Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs  
Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet Tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Women's hosiery
- Women's outerwear
- Women's intimate apparel

## DIRECTIONS FOR USE

### For homeowner applications

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

Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

### Approved homeowner uses

The active ingredient in COMMON SENSE FRESH START 105 is effective against odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae as a static agent. COMMON SENSE FRESH START 105 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

**To control Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) on [bed sheets] [blankets] [bedspreads] [curtains] [draperies (washable only)] [underwear] [socks] [intimate apparel] [hosiery] [throw rugs] [towelings] [toilet tank covers] [shower curtains] [shoe insoles] [outerwear apparel]:**

**For Dipping/Soaking Application:** Dilute COMMON SENSE FRESH START 105, 8oz per 1 gallon of water; mix well. Use appropriately sized wash basin or tub for dipping/soaking the item you are treating. Use enough COMMON SENSE FRESH START RTU solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid from treated item. For larger items (e.g. bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and colorfastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320°F), for example, in a clothes dryer. If necessary, reapply COMMON SENSE FRESH START RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

**For Spray Application:** Dilute COMMON SENSE FRESH START 105, 8oz per 1 gallon of water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and colorfastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply COMMON SENSE FRESH START RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

COMMON SENSE FRESH START RTU can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefin, polypropylene, rayon, silk, spandex, vinyl, and wool.

**To control Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) on [air filters] [air filter material] for: [Furnaces] [Air conditioners] [Air purification systems] [Automobiles recirculating air handling systems] [Vacuum cleaner filters] [Aquariums]:**

Dilute COMMON SENSE FRESH START 105, 8oz per 1 gallon of water; mix well. When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Apply and then let stand until dry. If necessary, reapply COMMON SENSE FRESH START RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.

**To control Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) on carpeting:**

Dilute COMMON SENSE FRESH START 105, 8oz per 1 gallon of water; mix well. Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. For rotary jet extraction cleaners and carpet steamers, add the COMMON SENSE FRESH START RTU solution directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and color-fastness of carpets by treating and drying a small concealed area prior to application. When treating coarser substrates (e.g., wool carpeting), more COMMON SENSE FRESH START RTU may be required due to absorption. Dry carpet areas and surfaces before re-entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If necessary, reapply COMMON SENSE FRESH START RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

**To control Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) on [mattress pad] [mattress ticking] [upholstery composed of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefin, polypropylene, rayon, spandex, vinyl, wool] [fiberfill to be used in upholstery] [sleeping bags], [apparel, where the fiber is cotton, natural down, nylon, rayon, or wool]:**

Dilute COMMON SENSE FRESH START 105, 8oz per 1 gallon of water; mix well. Clean surfaces prior to application. Using a trigger pump sprayer spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply COMMON SENSE FRESH START RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

**To control Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) on [tents] [tarpaulins] [wood] [sails] [ropes]:**

**For Spray Application:** Dilute COMMON SENSE FRESH START 105, 8oz per 1 gallon of water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply COMMON SENSE FRESH START RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.

**For Dipping/Soaking Application:** Dilute COMMON SENSE FRESH START 105, 8oz per 1 gallon of water; mix well. Use appropriately sized wash basin or tub for dipping/soaking the item you are treating. Use enough COMMON SENSE FRESH START RTU solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320°F), for example, in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply COMMON SENSE FRESH START RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.

**To control Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) on roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats):**

Dilute COMMON SENSE FRESH START 105, 8oz per 1 gallon of water; mix well. Make sure the roof is clean prior to application. Using a pressure sprayer, spray the entire surface area 6"-12" from the surface,

making sure the surface is completely covered. After applying COMMON SENSE FRESH START RTU, let stand until dry. This product treats approximately 200 sq. ft. of roofing per gallon (50 sq. ft. per quart). If necessary, reapply COMMON SENSE FRESH START RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.

**To control Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) on [buffer pads (polishing and abrasive)] [polyurethane and cellulose for household, non-food contact sponges and mops] [vacuum cleaner bags] [umbrellas] [casual shoes] [athletic shoes]:**  
Dilute COMMON SENSE FRESH START 105, 8oz per 1 gallon of water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply COMMON SENSE FRESH START RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

**To control Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) on [tubs] [glazed tiles] [vanity tops] [shower curtains] [shower stalls (areas)] [sinks] [washable walls] [wall paper for non-food contact] [floors] [window sills] [cabinets] [garbage cans] [appliances] [refrigerators (exterior)] [fiberglass] [Formica] [glazed tiles] [glazed porcelain] [synthetic marble] [plastic] [vinyl]:**  
Dilute COMMON SENSE FRESH START 105, 8oz per 1 gallon of water; mix well. Using a trigger sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply COMMON SENSE FRESH START RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

	Pest-controlled	Dilution Rate	Method of Application
<p> <del> Bedsheets, blankets, bedspreads, curtains, draperies (washable only), underwear, socks, intimate apparel, hosiery, throw rugs, toweling, toilet tank covers, shower curtains, shoe insoles, outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos). COMMON SENSE FRESH START 105 can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefins, polypropylene, rayon, silk, </del> </p>	<p> <del> Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) </del> </p>	<p> <del> 8 oz / gallon  2 oz / quart  1 oz / pint </del> </p>	<p> <del> DIP/SOAK: Dilute COMMON SENSE FRESH START 105 in water; mix well. Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough COMMON SENSE FRESH START 105 solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid from treated item. For larger items (e.g. bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and color fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320°F); (for example, in a clothes dryer). If necessary, reapply COMMON SENSE FRESH START 105 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. </del> </p> <p> <del> SPRAY: Dilute COMMON SENSE FRESH START 105 in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4'-6" from the surface; </del> </p>

spandex, vinyl, and wool.			making sure the surface is completely covered. Let stand until dry or let stand 3- minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply COMMON SENSE FRESH START 105 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest-controlled	Dilution Rate	Method of Application
<p>Air filters and air filter material for:</p> <ul style="list-style-type: none"> <li>• Furnaces, air conditioners</li> <li>• Air purification systems</li> <li>• Automobiles</li> <li>• Recirculating air handling systems</li> <li>• Vacuum cleaner filters</li> <li>• Aquariums</li> </ul>	Odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	8 oz / gallon 2 oz / quart 1 oz / pint	<p>SPRAY: Dilute COMMON SENSE FRESH START 105 in water; mix well. When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4" - 6" from the surface, making sure the surface is completely covered. Apply and then let stand until dry. If necessary, reapply COMMON SENSE FRESH START 105 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p>
	Pest-controlled	Dilution Rate	Method of Application



Carpeting	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	8-oz / gallon 2-oz / quart 1-oz / pint	SPRAY: Dilute COMMON SENSE FRESH START 105 in water; mix well. Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. For rotary jet extraction cleaners and carpet steamers, add the diluted BIO-PROTECT AM500 solution directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and color fastness of carpets by treating and drying a small concealed area prior to application. COMMON SENSE FRESH START 105 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates (e.g., wool carpeting), more COMMON SENSE FRESH START 105 may be required due to absorption. Dry carpet areas and surfaces before re-entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If necessary, reapply COMMON SENSE FRESH START 105 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest-controlled	Dilution Rate	Method of Application
Mattress pad and mattress ticking and upholstery composed of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool; fiberfill to be used in upholstery,	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	8-oz / gallon 2-oz / quart 1-oz / pint	SPRAY: Dilute COMMON SENSE FRESH START 105 in water; mix well. Clean surfaces prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface, making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color fastness of fabric by treating and drying a small concealed area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated

<p>sleeping bags, apparel, where the fiber is cotton, natural down, nylon, rayon, or wool</p>			<p>area until completely dried. If necessary, reapply COMMON SENSE FRESH START 105 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p>
	<p>Pest-controlled</p>	<p>Dilution Rate</p>	<p>Method of Application</p>
<p>Tents, tarpaulins, sails, ropes.</p>	<p>Odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae</p>	<p>8 oz / gallon 2 oz / quart 1 oz / pint</p>	<p>SPRAY: Dilute COMMON SENSE FRESH START 105 in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4" - 6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply COMMON SENSE FRESH START 105 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. DIP/SOAK: Dilute COMMON SENSE FRESH START 105 in water; mix well. Use appropriately sized wash basin or tub for dipping/soaking the item you are treating. Use enough COMMON SENSE FRESH START 105 solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Test staining and color fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang dried at room temperature or at temperatures to a maximum of 160°C (320°F); (for example, in a clothes dryer). If necessary, reapply COMMON SENSE FRESH START 105 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p>

	Pest-controlled	Dilution Rate	Method of Application
Roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats)- Exterior walls (such as stone, concrete, brick)	Odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	8 oz / gallon 2 oz / quart 1 oz / pint	SPRAY: Dilute COMMON SENSE FRESH START 105 in water; mix well. Make sure the roof or wall is clean prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 6" - 12" from the surface, making sure the surface is completely covered. After applying the diluted solution of COMMON SENSE FRESH START 105, let stand until dry. BIO-PROTECT AM500 treats approximately 200 square feet of roofing or wall per diluted gallon of water. If necessary, reapply COMMON SENSE FRESH START 105 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest-controlled	Dilution Rate	Method of Application
Buffer pads (polishing and abrasive), polyurethane for household, non-food contact sponges and mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	8 oz / gallon 2 oz / quart 1 oz / pint	SPRAY: Dilute COMMON SENSE FRESH START 105 in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4" - 6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply COMMON SENSE FRESH START 105 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest-controlled	Dilution Rate	Method of Application
Tubs, glazed tile, vanity tops, shower curtains, shower stalls (areas), sinks, washable walls, wall paper for non-food contact, floors, window sills, cabinets,	Odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	8 oz / gallon 2 oz / quart 1 oz / pint	SPRAY: Dilute COMMON SENSE FRESH START 105 in water; mix well. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4" - 6" from the surface, making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply COMMON SENSE FRESH START 105

<del>garbage cans,  appliances, refrigerators (exterior), non- food contact fiberglass, formica, glazed tiles, glazed porcelain, synthetic marble, plastic, vinyl</del>			<del>every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</del>
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### OPTIONAL MARKETING STATEMENTS

Mold free for up to 3 months

Protects materials for indoor and outdoor use

Creates an invisible barrier to inhibit the growth of mold to keep indoor and outdoor surfaces mold free for up to 3 months

Reapply this product every 3 months to replenish barrier from mold and mildew

Waterproof

Odor free

MOLD, MILDEW, ODOR PROTECTOR AND INHIBITOR COMMON SENSE FRESH START 105 is an antimicrobial agent effective against odor-causing bacteria.

COMMON SENSE FRESH START 105 is an antimicrobial agent effective against bacteria which cause staining and discoloration.

COMMON SENSE FRESH START 105 is an antimicrobial agent effective against fungi (mold and mildew). COMMON SENSE FRESH START 105 is an antimicrobial agent effective against algae. COMMON SENSE FRESH START 105, and antimicrobial agent, controls the source of odors on non- food contact surfaces in the home, in the bathroom, in the kitchen. (Bacteriostatic, fungistatic (mold and mildew), algaestatic.

COMMON SENSE FRESH START 105, and antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow even in the cleanest of homes.

COMMON SENSE FRESH START 105, and antimicrobial agent, inhibits the growth of odor causing bacteria. Effective on hard non-porous washable bathroom and non-food contact kitchen surfaces and fixtures around the home.

Effective on modern hard non-porous washable surfaces like fiberglass, glazed porcelain, Formica®, stainless steel, synthetic marble. Imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor-causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Unscented.

Use on carpet and upholstery to inhibit the growth of odor-causing bacteria.

Use on carpet and upholstery to inhibit the growth of bacteria which cause staining and discoloration.

Use on carpet and upholstery to inhibit the growth of fungi (mold and mildew).

Use on carpet and upholstery to inhibit the growth of odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor-causing bacteria.

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.

Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Prevents deterioration caused by bacteria and fungi (mold and mildew).

Inhibits deterioration caused by bacteria.

Resists development of microbial odors.

Resists development of stains and discoloration due to bacteria.

Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor-causing bacteria.

Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Provides/creates an invisible barrier to inhibit the growth of fungi (mold and mildew).

Provides/creates an invisible barrier to inhibit the growth of algae.

Provides/creates an invisible barrier to inhibit the growth of odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

## **STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store in original, tightly closed containers below 30°C (86°F) and above 0°C (32°F) in a secure area inaccessible to children and away from food or feed.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. [For homeowner use the statement will read: “Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site.”]

**Container Handling:** (containers intended for residential users) Nonrefillable/container. Do not reuse or refill the container. Securely wrap original container in several layers of newspaper and discard in trash or offer for recycling if available.

**Container Handling:** (containers intended for nonresidential users, larger than 5 gallons) Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Dispose of rinsate as pesticide waste. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

**Container Handling:** (containers intended for nonresidential users, smaller than 5 gallons) Nonrefillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Dispose of rinsate as a pesticide waste. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING MICROBE SOLUTIONS, LLC 182 QUEENS BLVD, BAYVILLE NJ 08721

### **IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION**

MICROBE SOLUTIONS, LLC., Inc. warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when used in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use.

MICROBE SOLUTIONS, LLC. SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY.