



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

May 7, 2018

Abigail T. D. Wacek
Regulatory Consultant
Clariant Corporation
625 East Catawba Ave.
Mount Holly, NC 28120

Subject: Label Amendment – Updating the Use Directions and Storage and Disposal Statements
Product Name: JMAC LP10
EPA Registration Number: 49403-38
Application Date: 12/22/2017
Decision Number: 537376

Dear Ms. Wacek:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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) list 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 Compliance.

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Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, you may contact Aline Heffernan at 703-347-8602 or via email at heffernan.aline@epa.gov.

Sincerely,

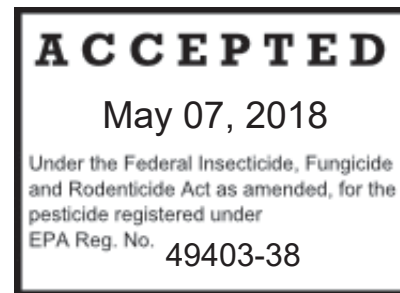


Zeno Bain, Product Manager 33
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

Enclosure: Stamped Label

JMAC LP10
[Alternate Brand Name: JMAC LP 10]
Broad Spectrum Biocide

Active Ingredient
Silver Chloride..... 2%
Inert Ingredients98%
TOTAL.....100%



WARNING
KEEP OUT OF REACH OF CHILDREN

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF ON SKIN:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> • 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 to an unconscious person
<p style="text-align: center;">HOTLINE NUMBER</p> <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 in case of emergency.</p>	

NET CONTENTS: [5.4 gal (21 liters), 48.3 gal (185 liters), 228 gal (873 liters)]
Lot/Batch Number [may appear on container]

EPA Reg. No. 49403-38
EPA Est. No. 49403-

Manufactured for:

Clariant Corporation	4000 Monroe Road Charlotte, NC 28205 (704) 822-2259
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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear goggles. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish, aquatic invertebrates, oysters, clam, and shrimp. 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 guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL AND CHEMICAL HAZARDS

JMAC LP10 should not be used in formulations containing reducing agents, such as BHT, Propyl Gallate, Ascorbic Acid and derivatives, as the silver ions would be reduced to metallic silver. This will result in discoloration to blue-grey-pink color and in loss of antimicrobial activity.

DIRECTIONS FOR USE:

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

JMAC LP10 is a stable, broad-spectrum biocide [developed for the protection of water-based products against fungi and bacteria in the wet state] [and][or] [for use in the manufacture of polymers, plastics, textiles and coatings]. JMAC LP10 is a broad-spectrum biocide that is effective over a wide pH range (pH 1 – pH 13). JMAC LP10 may be added at any stage in the processing. It is compatible in a wide range of formulations, and it is unaffected by the presence of particulate matter and most surfactants. Compatibility of JMAC LP10 with the application should always be checked before use. Typical applications and the required range of concentrations on which trials can be based are outlined below; however, formulations vary and it is essential when first using JMAC LP10 to first challenge test formulations before deciding on an optimum concentration.

Protection of Water-Based Products in the Wet State

JMAC LP10 should be protected from UV light and be incorporated directly from the original containers into the formulation without storing in transparent containers.

Homogeneous distribution of JMAC LP10 within the formulation is important. JMAC LP10 can be added at any stage in the processing. It is usually easiest to add at the end of the formulation process.

JMAC LP10 is not suitable for clear formulations.

JMAC LP10 may NOT be used for any food-grade or food-contact products.

The dosage rate depends on the microbial hazard and duration of protection desired. In order to determine the most effective use level for this product in a given use, field trials are suggested.

Maximum use rate for wet-state protection: 3,000 ppm (0.3%) of product (60 ppm of silver chloride) based on total weight of the finished product.

Minimum use rate for wet state protection: 1,000 ppm (0.1%) of product (20 ppm of silver chloride) based on total weight of finished product.

Products:

- Aqueous Adhesives, Caulks and Sealants
- Aqueous slurries
- Latex Emulsion Paints, Stains and Coatings
- Polymer Emulsions and Latices
- Grouts and Joint Compounds
- Heat transfer liquids
- Inks
- Consumer, household and institutional products (such as surface cleaners, detergents, fabric softeners)
- Natural and synthetic thickeners

Uses in polymers, plastics, textiles and coatings

JMAC LP10 suppresses the growth of algae, mold, mildew, fungi and bacteria which cause unpleasant odors, discoloration, staining, deterioration or corrosion only.

Manufactured products incorporating JMAC LP10 may not make any public health claims relating to antimicrobial activity without first obtaining an EPA registration for the manufactured product which permits such claims. When incorporated into treated articles, this product does not protect users of any such treated articles or others against food borne or disease causing bacteria, viruses, germs or other disease causing microorganisms.

Maximum Use Rate: 50,000 ppm of product (1000 ppm of silver chloride) by weight of goods (equivalent to 5 lb of product to 100 lb of goods)

Minimum Use Rate: 2,500 ppm of product (50 ppm of silver chloride) by weight of goods (equivalent to 0.25 lb product to 100 lb of goods).

APPLICATIONS (Not for use in any applications involving food contact, food packaging or human drinking water)

APPLICATION	TYPES OF FINISHED PRODUCTS
Fibers and Textiles	Napkins; wiping cloths; mops; towels; bags; brush bristles; filters; sponges; packaging including bags, sacks, wraps, cushion and absorbent materials. containers; conveyor belts (non food contact); apparel; commercial and industrial wipes and fabrics; Mattress cover pads and filling; pillow covers; sheets; blankets; towels; fiberfill for quilts and pillows; curtains; draperies; carpet and carpet underlay; rugs; upholstery; wall covering fabrics; cushion pads; sleeping bags; automotive and truck upholstery; carpeting; rear decks; trunk liners; convertible tops; interior liners; umbrellas; outerwear; apparel: sportswear; sleepwear; trim for outerwear and garments; stockings; socks; hosiery; caps; undergarments; inner liners for jackets; shoes; gloves and helmets; artificial leather; book covers; sails; ropes; tents and other outdoor equipment; tarps; awnings

APPLICATION	TYPES OF FINISHED PRODUCTS
Adhesives or Sealants	Adhesives and sealants used in the manufacture of: Wood; Wood and plastic composites; Appliances; Automotive and vehicle parts; Bathrooms; Cardboard; Ceramic tile; Construction materials; Glazing for windows; Grout and joint compound; Paper; Pipe sealant and insulation materials; Plastic; Plumbing adhesives products; Rubber; Sealants for pipes; Showers

APPLICATION	TYPES OF FINISHED PRODUCTS
Miscellaneous	Cat litter and trays; Caulks; Drainage and sewage pipes; Mortar and Concrete Admixtures; Plaster; Spackling; Stucco; Tiles; Toilets

APPLICATION	TYPES OF FINISHED PRODUCTS
Plastics Including films, sheets, slabs, and molded plastic parts	Automobile parts and fillings; Bathroom fittings including plumbing supplies and fixtures (including toilet bowl seats); Brush bristles; Conveyor bells; Countertops; Floor coverings and floorings; Footwear and sportswear; Gaskets; General purpose containers; Indoor and outdoor furniture; Insulation for wire and cable insulators; Kitchen and bathroom hardware; Liners; Mats; Mops; Plastic film; Protective covers; Siding for housing; Sinks; Sponges; Tape; Tiles; Tubing; Waste containers; Electronic keyboards; Door handles; Packaging

APPLICATION	TYPES OF FINISHED PRODUCTS
Coatings, Films, Laminates, and Paints	Appliances; Automobile and vehicle parts; Barrier fabrics; Building materials and components (such as walls, wallboard, floors, concrete, siding, roofing, shingles, hardware, floors, ceilings, commercial and industrial applications); Collection and storage equipment (such as conveyor belts, piping systems, silos, tanks, and process vessels); Countertops; Furniture; General purpose containers; Glazing for cement tile; Glazing for vitreous china used in plumbing fixtures (such as toilets, sinks, countertops); Industrial equipment; Packaging; Paper products (such as wipes, tissues, wall coverings, towels, book covers)

STORAGE AND DISPOSAL

[For all except the Intermediate Bulk Container]

This is a nonrefillable container. Do not reuse or refill this container.

[For the intermediate Bulk Container]

Refillable Container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

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

PESTICIDE STORAGE- Store in a dry place away from extreme heat and cold (tightly closed at 59F to 77F [+15C to +25C]). Keep container closed when not in use. In the event of spillage or leakage, soak up material with absorbent clay, sand, sawdust, or other absorbent material. Scrape up and dispose of in accordance with the information given under

PESTICIDE DISPOSAL- Repackage and relabel useable product in a sound container. In case of fire or other emergency, report at once by toll-free to 1-800-424-9300.

CONTAINER HANDLING-

[For all except the Intermediate Bulk Container]

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. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

[For the Intermediate Bulk Container]

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. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY STATEMENT

The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions made concerning uses or applications are only the opinion of Clariant Corporation and users should make their own tests to determine the suitability of these products for their own particular purposes. However, because of numerous factors affecting results, Clariant Corporation MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR PURPOSE, other than that the material conforms to its applicable current Standard Specifications. Statements herein, therefore, should not be construed as representations or warranties. The responsibility of Clariant Corporation for claims arising out of breach of warranty, negligence, strict liability, or otherwise is limited to the purchase price of the material.

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