



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number: 84189-1

Date of Issuance: DEC 30 2013

Term of Issuance: Unconditional

Name of Pesticide Product: Product EP 1%

NOTICE OF PESTICIDE:
[x] Registration
[] Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Rudolf GMBH
Altwaterstrasse 58-64
D-82538nGeretsried
+ 49 (0) 8171 53 0

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

a. Add the phrase "EPA Registration Number 84189-1."

Signature of Approving Official:

[Handwritten signature of Marshall Swindell]

Marshall Swindell
Product Manager-33
Regulatory Management Branch I
Antimicrobials Division (7510P)

Date:

DEC 30 2013


The Confidential Statement of Formula dated July 19, 2013, is acceptable.

3. Submit three (3) copies of the final printed label prior to releasing this product for sale.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



Marshall Swindell
Product Manager 33
Regulatory Branch I
Antimicrobials Division (7510P)

Enclosure: (Stamped Labeling)

Optional language in parenthesis

MASTER LABEL
July 19, 2013 Version

PRODUCT EP 1%

Broad Spectrum Biocide for use in the manufacture of polymers, plastics, textiles, and surface coatings.

Active Ingredient

Silver Chloride.....	0.2%
Inert Ingredients.....	99.8%
Total.....	100.0%

**KEEP OUT OF REACH OF CHILDREN
WARNING**

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 a 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 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 1-800-255-3924 in case of emergency.</p>	

**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.

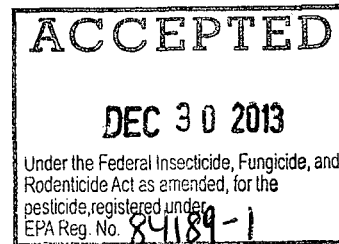
Net Contents:

Lot/Batch Number: {may appear on container rather than the label}

EPA Reg. No. 84189-XX

EPA Est. No. 84189-DEU-001

Manufactured By:



RUDOLF GMBH	ALTVATERSTRASSE 58-64 D-82538 GERETSRIED + 49 (0) 8171 53 0
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DIRECTIONS FOR USE:

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

Product EP 1% is a stable broad-spectrum biocide that is effective over a wide pH range (pH 3- pH 11). Product EP 1% can be added at any stage in the processing. It is stable and retains its efficacy at processing temperatures up to 572° F (300° C). Product EP 1% is compatible in a wide range of formulations, and it is unaffected by the presence of particulate matter and most surfactants. Typical applications and the suggested range of concentrations are outlined in the technical datasheet; however, formulations vary and it is essential when first using Product EP 1%, to first challenge test formulations before deciding on an optimum concentration.

Product EP 1% suppresses the growth of algae, mold, mildew, fungi, and bacteria which cause unpleasant odors, discoloration, staining, deterioration or corrosion only. Manufactured products incorporating Product EP 1% 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).

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

APPLICATION	TYPES OF FINISHED PRODUCTS
<u>Fibers and Textiles</u>	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 covers 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; truck 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
<u>Adhesives or Sealants</u>	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
<u>Miscellaneous</u>	Cat litter and trays; Caulks; Drainage and sewage pipes; Mortar and Concrete Admixtures; Plaster; Spackling; Stucco; Tiles; Toilets

APPLICATION	TYPES OF FINISHED PRODUCTS
<u>Plastics:</u> <u>Including films,</u> <u>sheets, slabs, and</u> <u>molded plastic</u> <u>parts</u>	Automobile parts and fittings; Bathroom fittings including plumbing supplies and fixtures (including toilet bowl seats); Brush bristles; Conveyor belts; 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
<u>Coating, Films,</u> <u>Laminates, and</u> <u>Paints</u>	Appliances; Automobile and vehicle parts; Barrier fabrics; Building materials and components (such as walls, wallboard, floors, concrete, siding, roofing, shingles, hardware, 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

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 +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 usable product in a sound container. In case of fire or other emergency, report at once by toll-free to 1-800-255-3924.

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

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Then offer for recycling or reconditioning if available 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 Rudolf GMBH and users should make their own tests to determine the suitability of these products for their own particular purposes. However, because of numerous affecting results, Rudolf GMBH 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 Rudolf GMBH for claims arising out of breach of warranty, negligence, strict liability, or otherwise is limited to the purchase of the material. Statements concerning the use of the products or formulations described herein are not to be consulted as recommending the infringement of any patent and no liability for infringement arising out of any such use are assumed.

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Optional language in parenthesis

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Statements concerning the use of the products or formulations described herein are not to be construed as recommending the infringement of any patent and no liability for infringement out of any such use is assumed.