





FIRST AID	
If In Eyes	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 Or Clothing	Take off contaminated clothing and wash before reuse. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or 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

HOT LINE NUMBER: Have the product container label with you when calling a poison control center or doctor, or going for treatment. In the event of a medical or chemical emergency, contact Chemical North America 1-800-255-3924 or Worldwide Intl. + 01-813-248-0585 NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

Manufactured For: Voluntary **Purchasing** 230 FM 87 **BONHAM, TEXAS 75418** EPA Reg. No. 58044-3-7401 EPA Est. No. 7401-TX-1 Visit Us At: www.fertilome.com (RV080311)



PEEL FROM CORNER OF BOOKLET



PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. KEEP OUT OF REACH OF CHILDREN.

Corrosive. Causes irreversible eye damage and skin irritation. Do not get in eyes, on skin or clothing. Wear protective eyewear (goggles or faceshield), rubber gloves, and protective clothing. Avoid breathing spray mists. Wash hands before eating, drinking, chewing gum, or using tobacco. Remove and wash clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category C on an EPA chemical resistance category selection chart.

APPLICATORS AND OTHER HANDLERS MUST WEAR:

- . Long-sleeved shirt and long pants.
- Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride, or viton.
- · Shoes plus socks.
- Protective evewear.
- Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

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.



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 clean 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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to fish bearing waters. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate waters by cleaning of equipment or disposal of wastes. Avoid application to turf areas actively grazed by waterfowl.

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 EPA.



DIRECTIONS FOR USE

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

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 requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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, nurseries, or greenhouses.

Keep children and pets off treated lawns until area is completely dry.

ferti-lome® Consan® 20 is a multi-purpose disinfectant for the control of fungal, bacterial and viral ornamental plant pathogens, slime-forming fungi and algae and the odors these organisms may cause.

DO NOT APPLY BY AFRIAL SPRAY

GREENHOUSE AND PLANT PROPAGATION APPLICATIONS

 Greenhouse Hard Surfaces: To disinfect hard inanimate surfaces (such as glass, work surfaces, benches, flats, pots, tools, cooler pads, walkways, and walls) add ¼ fluid ounce (1 1/2 teaspoons) ferti=lome® Consan® 20 to one gallon of water. Apply solution with mop, cloth, sponge, or mechanical sprayer so as to wet thoroughly. Allow to remain wet for 10 minutes, and then let air dry.

- Work Area and Benches: To kill plant disease organisms responsible for root rot, crown rot, botrytis, downy mildew, etc. spray or swab all working surfaces before each work period, and again after work on each plant is completed, with a solution of 1 3/4 teaspoons of fertie-jome® Consan® 20 to one callon of water.
- Flower Pots, Buckets and Flats: To kill plant disease organisms responsible for root rot, crown rot, anthracnose, mildew, rusats and plant blights, brush or wash used pots, buckets or flats and then soak them in a solution of 13/4 teaspoons of fertielome® Consan® 20 to one callon of water for at least 10 minutes.
- Cutting Tools: To disinfect, soak the cutting edges of plant care
 tools in a solution of 1 3/4 teaspoons of ferti*lome* Consan* 20
 to one gallon of water for at least 10 minutes, and use the wet tool
 on each plant. Repeat the disinfection soak after use on each plant
 to kill and prevent transmission of plant disease organisms such as
 stem rot, root rot, Tobacco Mosaic Virus (TMV), and botrytis. Rinse
 the plant tools in clean water and oil at the end of each work period.
- Walkways: To remove and control heavy algal growth on greenhouse or garden walkways, apply a solution of 1 tablespoon ferti=\texti ome Onsan 20 in one gallon of water with a mop or mechanical sprayer and let stand for at least one hour. Then scrub or wash away dead algae. Apply solution again and let walkway air dry for inhibition of new algal growth. Repeat treatment whenever algal growth returns.
- Treatment of Bulbs and Rhizomes: To control fusarium basal rot of Daffodil, Narcissus, Hyacinth, Tulips, Easter Lilies, Gladioli, and Iris, clean newly dug corms, bulbs or rhizomes and then soak them for 10 minutes in a solution of 1 1/2 teaspoons ferti=lome® Consan® 20 in one gallon of water. Air dry prior to storage and treat again just prior to replanting.

To control **botrytis crown rot** and **gray mold rot** of Iris, soak rhizomes and 3 to 4 inches of leaf bases for 30 minutes in a solution of 2 teaspoons **ferti-lome® Consan® 20** in one gallon of water and plant treated rhizomes while they are still yet.

Treatment of Plant Cuttings: To control powdery mildew, crowngall, and gray mold leaf spots on Begonia, Fuchsia, Geranium, and Chrysanthemum, completely immerse cuttings for 5 minutes in a solution of 11/2 teaspoons ferti=lome® Consan® 20 in one gallon of water. Plant in sterilized potting soil or in compost which has been completely saturated in the specified ferti=lome® Consan® 20 solution

To control underground rotting, bacterial leaf spot and slimy collar rot of disease-free Cactus cuttings, soak entire cutting in a solution of 1 1/2 teaspoons ferti=lome® Consan® 20 in one gallon of water for 5 minutes before planting. Spray rooting cuttings with this same strength solution at 1 to 14 day intervals.

To control development of **rust** on Carnation, completely immerse cuttings in a solution of 1 1/2 teaspoons **ferti-lome® Consan® 20** in one gallon of water for 5 minutes before planting.

 Treatment of Seeds and Seedlings: To reduce damping off of seedlings, place seeds in a flask and completely cover with a fresh solution of 1 1/2 teaspoons ferti-lome® Consan® 20 in one gallon of water. Soak for 5 minutes, then drain the ferti-lome® Consan® 20 solution and plant immediately.



The ferti•lome® Consan® 20 solution can be reused, but it was be replaced daily or when it becomes visibly dirty.

Plant treated seedlings in sterilized potting medium or in garden soil completely saturated with the ferti-lome® Consan® 20 solution. (In pots or trays, add the 1 1/2 teaspoons per gallon of solution to the surface of garden soil until it drains through the soil and out bottom of container.)

To control the spread of damping off in planted seedlings (Ornamental plants only), use a mechanical sprayer to thoroughly wet all plant surfaces with a solution of 1 teaspoon of ferti*lome* Consan* 20 in one gallon of water.

To control sporulation and spread of downy mildew in planted seedlings (Ornamental plants only), use a mechanical sprayer to thoroughly wet all plant surfaces with a solution of 2 tablespoons ferti-lome® Consan® 20 in three gallons of water. Respray at 5-day intervals until disease is under control.

CONTROL OF PLANT DISEASES ON ORNAMENTAL PLANTS

Application is limited to Spot Treatment of diseased ornamental plants and flowers at a maximum rate of 800 ppm and total use of 5 lbs. of active ingredient (3 gallons of ferti-lome® Consan® 20) per acre. Treatment is restricted to indoor uses or uses in which controlled conditions prevent runoff and exposure to the environment. In the case of diseased trees, the spot treatment of trees must be at least 100 feet away from any pond, lake, stream, or river to prevent possible runoff of the product into the waterway.

 Treatment of Roses: Observe good garden sanitation; remove and burn all infected plant parts. To control **leaf black spot**, **powdery mildew**, **rusts** and **stem gall** on Roses, thoroughly wet all plant surfaces with a solution of 1 1/2 teaspoons of **ferti-lome Consan** 20 in one gallon of water. Apply during warm weather, by any convenient means at first sign of disease. Repeat in 10 to 14 days, and thereafter as needed. Do not apply during wet, rainy weather.

To control brown canker on Roses, start applications of 1 1/2 teaspoons of fertielome® Consan 20 in one gallon of water in early spring when new growth begins to show and continue weekly applications until plants are dormant. Additional applications must be made between periods of extended rainy weather to keep new growth covered.

- Treatment of Flowering Annuals, Perennials, Garden Shrubs and Trees: To control disease problems on most flowering and ornamental plants, treat with a solution of 1 1/2 teaspoons of ferti-lome® Consan® 20 in one gallon of water at the first signs of disease. Observe good garden sanitation; remove and burn all infected plant parts.
 - Calendulas, China Asters, Chrysanthemums, Dahlias, Crepe Myrtle, Lilac, and Live Oak, can be protected from powdery mildew by spraying with a solution of 1 1/2 teaspoons of ferti=lome® Consan® 20 in one gallon of water when symptoms first appear. Spray when leaf buds burst in spring and repeat every two weeks throughout the mildew season. Spray Live Oak trees at bud break and repeat in April.
 - Snapdragons can be protected from Phyllosticta blight, anthracnose, powdery mildew, downy mildew, stem rot, rusts and wilt diseases by spraying upper and lower leaf surfaces with a solution of 1 1/2 teaspoons of ferti*lome® Consan® 20 in one gallon of

water until thoroughly wet. Repeat every 7 to 10 days. To prevent plant disease build-up in the garden, collect and burn plant tops in the fall.

- Iris can be protected from botrytis leaf spot by spraying foliage at weekly intervals with a solution of 1 1/2 teaspoons of fertielome[®] Consan[®] 20 in one gallon of water during the growth season.
- Acuba, Dahlia, Fuchsia, Geranium, Gladiolus, Peony and Pieris can be protected from botytis gray mold, rusts and downy mildew by spraying affected plant parts with a solution of 1 1/2 teaspoons of ferti=lome® Consan® 20 in one gallon of water when disease symptoms on new growth are first detected. Remove all dead flowers, leaves or stems before spraying. For rust control, spray with the same solution at one to two week intervals during periods of wet weather, beginning in early summer. For botrytis control, use a fine mist application of a solution of 1 1/2 teaspoons of ferti=lome® Consan® 20 in one gallon of water and lightly spray buds and blossoms two to three times a week.
- Carnations can be protected from stem rot, canker rot, crown
 rot, root rot and gray mold rot by thoroughly wetting all plant surfaces with a solution of 1 1/2 teaspoons of fertielome® Consan®
 20 in one gallon of water at the first signs of disease.

For gray mold control, use one or two fine mist applications of a solution of 1 1/2 teaspoons of ferti-lome® Consan® 20 in one gallon of water just before blossoming. Lightly spray buds and blossoms. Infected buds, blossoms and stems should be collected and burned. Pick off all infected buds, blossoms and stems and hurn.

- Fuchsia, Gardenia, Geranium, and Heliotrope can be protected from stem rot and gray mold bud rot with weekly applications of a solution of 1 1/2 teaspoons of fertielome® Consan® 20 in one gallon of water, as a fine mist spray or fog, at first signs of disease. Pick off all infected buds, blossoms and stems and burn.
- Kalanchee, Crassula and Sedum can be protected from root rot, crown rot and crowngall by removing and burning infected plant parts and drenching the remaining plants with a solution of 1 1/2 teaspoons of ferti*lome** Consan** 20 in one gallon of water. Spray plants at weekly intervals thereafter with the solution until the disease is controlled.
- Hawthorn, Hollyhock and Snapdragons can be protected from plant rust diseases by a spray program utilizing a solution of 1 1/2 teaspoons of fertielome® Consan® 20 in one gallon of water. Begin disease prevention by good garden sanitation involving removal of all plant debris during the winter or dormant season. Begin the spray program when new leaves appear and before onset of the rainy season, taking care to spray the undersides of potentially infected leaves. Hollyhocks must be sprayed at weekly intervals when spring growth begins and again in late summer. Treatment for snapdragons must begin when plants are set in the garden and repeated at 7-10 days intervals.
- Hawthorn can be protected from leaf blight and subsequent leaf drop, which may occur after very wet spring weather, by three spray applications of a solution of 11/2 teaspoons of ferti=lone[®] Consan[®] 20 in one gallon of water. Make first application as soon as leaves break out of their buds. Spray again when leaves are half grown and for the third time when they reach full size.

- Flowering Dogwood (Cornus florida) can be protected from anthracnose, leaf blight and leaf spot with four applications of a solution of 1 1/2 teaspoons of ferti+lome® Consan® 20 in one gallon of water. The first spray should be made when flower buds begin to open and the second as soon as flower bracts have fallen. The third spray should be made four weeks later and the fourth in late summer after the flower buds for next spring are formed. Spray treatments are most effective when made just before rainy periods.
- Ash, Sycamore and other susceptible trees can be protected from
 anthracnose by three spray treatments of all leaf and twig surfaces
 with a solution of 1 1/2 teaspoons of ferti=lome® Consan® 20
 in one gallon of water until they are thoroughly wet. Large trees
 may require 50-60 gallons of spray for complete coverage. Spray
 trees when leaf buds start to swell in April and repeat when leaves
 begin to expand. Make the third application when leaves are about
 75% of their full size.
- Palms can be protected from heart rot and penicillium leaf base rot at the first signs of rot by completely filling the cup formed by the radiating frond bases at the top center or "heart" of the plant with a solution of 1 1/2 teaspoons of ferti*lome* Consan* 20 in one gallon of water. Repeat the treatment at weekly intervals until control of rot disease is achieved.
- Crepe Myrtle, Pear and other susceptible Fruit trees can be protected from bacterial fireblight with a solution of 1 1/2 teaspoons of fertielome® Consan® 20 in a gallon of water. Spray mist or rinse the complete plant. Treat fruit-bearing pear and other fruit-bearing trees only in early spring and after harvest in late fall or while the tree is dormant. Crepe Myrtle and all susceptible ornal.

mental fruit trees should also be treated during warm weather, and after pruning. Repeat treatment at two week intervals as needed.

 Treatment of Greenhouse and Potted House Plants: To control disease problems on most greenhouse ornamentals and house plants, treat with a solution of one teaspoon of ferti-lome® Consan® 20 in one gallon of water at the first signs of disease. Observe good plant sanitation; remove and burn all infected plant parts.

To Control the growth of unwanted algae in or on pots containing ornamental plants, grown indoors, in greenhouses or outdoors use a solution of 1 1/2 teaspoons fertilome® Consan® 20 in one gallon of water to cover about 40 sq. ft. of surface. Use a mechanical sprayer to thoroughly wet the algal growth. If spray contacts foliage of desirable plants, rinse off within 5 minutes. Repeat treatment whenever algal growth returns.

- Treatment of Terrariums: To control algal build up and cross contamination by plant disease organisms in terrariums, flasks and bubbles, wipe inside of glass with a towel dampened with a solution of 3/4 teaspoon of ferti*lome® Consan® 20 in one gallon of water.
- African Violets (Saintpaulia) can be protected from botrytis gray
 mold rot, bud rot, downy mildew, powdery mildew root rot or
 crown rot by complete coverage of foliage with a solution of 1/2
 teaspoon of ferti=lome® Consan® 20 in one gallon of water. Coverage can be obtained by spraying, but dipping of the entire plant
 and pot in the solution is more effective. Repeat treatment every
 10 days until control is achieved.
- Ferns, Begonias and Gesnaria can be protected from leaf spot, gray mold bud rot, and shoot rot by spraying with a solution of

3/4 teaspoon of ferti•lome® Consan® 20 in one gallon of water at first signs of disease. Maintain good plant sanitation by removing all plant debris and dead leaves. For begonias and gesnariads, spray before buds open and respray when flower petals have fallen and again two week later.

- Rubber Plant can be protected from anthracnose attack of stems
 and leaves, and from stem crowngall, by removal and burning of
 infected plant parts at the first signs of disease. Then spray, mist
 or fog the plant(s) with a solution of 3/4 teaspoon of ferti-lome®
 Consan® 20 in one gallon of water and repeat treatment weekly
 until control is achieved.
- Orchids can be sprayed once a month with a disinfecting solution of 1 1/2 teaspoons of ferti•lome® Consan® 20 per gallon of water as a fungal preventative. At the first sign of Erwinia rot, remove compost and soak the entire plant for at least 10 minutes in the disinfectant. Then remove all infected tissues with a disinfected cutting tool and resoak the cut surfaces in ferti•lome® Consan® 20 for an additional 10 minutes. Repot in disinfectant drenched compost. Crown rot (Phalsenopsis) can be controlled by weekly applications of a solution of 1 1/2 teaspoons of ferti•lome® Consan® 20 per gallon of water. Cover all surfaces, particularly in and around orchid leaf bases.

When dividing orchids, transmission of plant pathogens can be prevented by removing compost and soaking plants for 2-5 minutes in a disinfecting solution of 1 tablespoon of ferti-lome® Consan® 20 in one gallon of water. Wet hands and cutting tools with disinfectant before plant division and root trimming. Then resoak divided orchids in disinfectant for an additional 2-5 minutes. Repot in disinfectant trenched compost.



- Treatment of Cut Flowers: To control mold and downy mildew development on cut flowers dip harvested plant spikes in a solution of 1/2 teaspoons of ferti-lome® Consam® 20 in one gallon of water prior to shipping. To prevent bacterial stem plugging of cut flowers, harden stems in a solution of 1 teaspoon of ferti-lome® Consam® 20 in one gallon of water following harvest and during storage and shipping in containers, tubes or decorative vases.
- Treatment of Residential Lawns and Turf:

For use in turf grasses, including lawns of grass or dichondra, to control fungal diseases in turf grasses, including dollar spot (Celerotinia), fusarium blight (Fusarium), leaf spot (Helminthosporium), brown patch (Rhizoctonia), fading-out (Curvularia), pythium blight, rust, toad stools, fairy rings and algal build-up, spray a solution of 0.4 fl. oz. of ferti-lome® Consan® 20 per gallon of water to treat 40 square feet (4 ft. x 10 ft.) of lawn.

Application is limited to spot treatment of diseased areas of the lawn/ turf at a maximum use rate of 5.4 lbs. A L/acre (800 ppm) not to exceed 25 gallons per 1,000 sq. ft. Treatment must be repeated up to 6 times a year at 10 day intervals. Treat the diseased areas at least one foot beyond the edges of isolated diseased areas. Saturate the entire treatment area, wetting all plant and soil surfaces. Treatment is required during the warm growing season and may be made when the lawn is dry or damp, but not during wet rainy weather.

Do not graze treated areas or feed clippings to livestock. DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM!

HARD SURFACE APPLICATIONS

ferti*lome® Consan® 20 is a multi-purpose disinfectant, sanitizer-deodorant for use in homes.



All surfaces to be sanitized or disinfected must be thoroughly cleaned before application of this product!

FOR DISINFECTING: USE ONE OUNCE TO FOUR GALLONS OF WATER (400 PPM).

One Ounce = Two Tablespoons = Six Teaspoons

General Home and Office Surfaces: Use to disinfect and deodorize hard surfaces such as floors, walls, garbage carts, locker rooms, tubs and showers, lavatories and toilet seats. Use the disinfecting solution. Apply the disinfecting strength solution (see above) by sponge, mop or spray to thoroughly wet all surfaces and keep wet for 10 minutes. Allow surfaces to air dry and do not rinse. Always clean these surfaces thoroughly before disinfecting.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store only in original container. Do not reuse empty container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

Store only in the original container. Nonrefillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Consan® is a registered trademark of Brandt Consolidated, Inc.



IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

Conditions: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Voluntary Purchasing Groups, Inc. (VPG). All such risks shall be assumed by the user or buyer.

Disclaimer of Warranties: To the extent consistent with applicable law, VPG makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of VPG is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, VPG disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

Limitations of Liability: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all such losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at VPG's election, the replacement of product.





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