FIRST AID

IF ON SKIN OR CLOTHING:
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 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 SWALLOWED:
Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED:
Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS.

DANGER. Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Wear protective eyewear (goggles, face shield or safety glasses). Wear protective clothing and rubber gloves. Avoid contamination of food. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

PHYSICAL OR CHEMICAL HAZARDS

Combustible.

STORAGE and DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Do not store on side. Avoid creasing or impacting of side walls. Store securely in closed original container. Avoid storage at temperature extremes or in sunlight. Avoid shipping or storing below freezing. If product freezes, thaw at room temperature and shake gently to remix components. Use locked storage in an area that will prevent cross-contamination of other pesticides, fertilizers, food and feed. Store in locked area inaccessible to children.

PESTICIDE DISPOSAL:
Pesticide wastes are acutely hazardous. Improper disposal of excess pesticides, spray mixtures or crystals is a violation of Federal Law. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

ACTIVE INGREDIENTS:
Alkyl (C14:60%, C16:30%, C12:5%, C18:5%) dimethyl benzyl ammonium chloride ................ 2.37%
Alkyl (C12:68%, C14:32%) dimethyl ethylbenzyl ammonium chloride ......... 2.37%
OTHER INGREDIENTS: ................................................... 95.26%
TOTAL: .................................................................................. 100.00%

EPA Reg. No. 61178-1-73884     EPA Est. No. 8325-PA-01
NET CONTENTS: 1 Gallon (3.785 L)
DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

To be used in hospitals in the following areas as a disinfectant: operating rooms, patient care rooms & facilities, recovery, anesthesia, ER, radiology, X-ray cat labs, newborn nurseries, orthopedics, respiratory therapy, surgi-centers, labs, blood collection rooms, central supply, housekeeping & janitorial rooms, nursing homes, doctor's offices & labs, dentists offices & labs.

This product is not to be used as a terminal sterilant/high-level disinfectant on any surface or instrument that: (1) is introduced directly into the human body, either into or in contact with a normally sterile area of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to preclean or decontaminate sterile areas of the body. This product may be used in a manner inconsistent with its labeling prior to sterilization or high-level disinfection.

BACTERIAL STABILITY OF USE-DILUTION:
Tests confirm that this product, when diluted in 400 ppm hard water and in the presence of 5% soil load, remains effective against Pseudomonas aeruginosa, Staphylococcus aureus, Salmonella enteritidis for up to 64 days when stored in a sealed container at room temperature.

If the use-dilution product becomes visibly dirty or contaminated, the use-dilution must be discarded and a fresh product prepared. Always clean, properly labeled dry containers when diluting the product. Bactericidal stability of the use-dilution does not apply to open containers such as buckets or pails. Use-dilution product in open containers must be prepared daily or more often if the solution becomes visibly dirty or diluted or contaminated.

WATER DAMAGE RESTORATION
SANITIZER AGAINST ODOR-CAUSING BACTERIA AND FUNGI FOR HOME, INSTITUTIONAL, INDUSTRIAL AND HOSPITAL USE
Effective against odor causing bacteria and fungi for home, institutional, industrial and hospital use. This product is particularly suitable for use in water damage restoration situations against odor causing bacteria on the following porous and semi-porous materials: carpets, carpet cushion, sub floors, drywall, trim, and frame lumber, tareless strip and paneling. Using solutions recommended, saturate affected materials with enough product to remain wet for at least 10 minutes. Use proper ventilation. Refer to the instructions given in Table 1 and 2 prior to use of this product for water damage restoration.

- Sewer backup & river flooding: During mitigation procedures, dilute 2 to 4 ounces of this product per gallon of water for the diluting effect of absorbed water within saturated materials. Remove gross filth or heavy soil along with non-salvageable materials. Saturate all affected areas with a sprayer using a coarse spray tip, before and after cleaning and extraction.

- Carpets, carpet cushions and other porous materials such as sub floors, drywall, trim and frame lumber, tareless strip and paneling: For water damage from a clean water source, extract excess water. Test hidden area for color fastness. Dilute 2 to 4 ounces of the product per gallon of water, allowing for the diluting effect of absorbed water within saturated materials. Remove gross filth or heavy soil. Apply directly with a sprayer using a coarse spray tip, to fully saturate affected materials. Roll, brush or agitate into materials and allow the materials to remain damp for 10 minutes. Follow with a through extraction. Dry rapidly and thoroughly.

Special Instructions for Cleaning Carpet Against Odor Causing Bacteria:
This product may be used in industrial and institutional areas such as homes, motels & hotel rooms, nursing homes, schools and hospital. For use on wet, cleanable synthetic fibers. Do not use on wool. Vacuum carpet thoroughly prior to cleaning. Test fabric for color fastness.

- For portable extraction units: Mix 1 ounce of this product per gallon of water.
- For truck mounted extraction machines: Mix 24 ounces of the product per gallon of water and meter at 4 gallons per hour.
- For rotary floor machines: Mix 2 ounces of this product per gallon of water and apply at the rate of 300-500 sq. ft. per gallon.
- Do not mix this product with other cleaning products. Follow the cleaning procedures specified by the manufacturer of the cleaning equipment. After using this product, set the carpet pile and protect the carpet from furniture legs and bases while drying. Do not over wet. If applied to stay resistant nylon carpet, apply a fabric protector according to the carpet manufacturer’s directions.

Table 1: Water Damage - Clean-up and Mold Prevention
Guidelines for Response to Clean Water Damage within 24-48 Hours to Prevent Mold Growth*

<table>
<thead>
<tr>
<th>Subfloor Material</th>
<th>Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood</td>
<td>Discard and replace. Ventilate rooms.</td>
</tr>
<tr>
<td>Ceramic tile</td>
<td>Discard and replace. Leave moisture to dry.</td>
</tr>
<tr>
<td>Laminated flooring</td>
<td>Discard and replace. Use fans.</td>
</tr>
<tr>
<td>Analogous porous</td>
<td>Discard and replace. Use fans.</td>
</tr>
<tr>
<td>Concrete or cinder block</td>
<td>Discard and replace. Use fans.</td>
</tr>
<tr>
<td>Cellulose insulation</td>
<td>Discard and replace. Use fans.</td>
</tr>
<tr>
<td>Upholstered furniture</td>
<td>Discard and replace. Use fans.</td>
</tr>
<tr>
<td>Wallboard</td>
<td>Discard and replace. Use fans.</td>
</tr>
<tr>
<td>Wood</td>
<td>Discard and replace. Use fans.</td>
</tr>
<tr>
<td>Metal</td>
<td>Discard and replace. Use fans.</td>
</tr>
</tbody>
</table>

*If mold growth has occurred or materials have been wet for more than 48 hours, consult Table 2 guidelines. Even if materials are dried within 48 hours, mold growth may have occurred. Items may be tested by professionals if there is doubt. Note that mold growth will not always occur after 48 hours; this is only a guideline.

Table 2: Water Damage - Clean-up and Mold Prevention
Guidelines for Response to Clean Water Damage within 24-48 Hours to Prevent Mold Growth*

<table>
<thead>
<tr>
<th>Subfloor Material</th>
<th>Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drywall and gypsum board</td>
<td>Discard and replace. Ventilate room.</td>
</tr>
<tr>
<td>Plastic laminate</td>
<td>Discard and replace. Use fans.</td>
</tr>
<tr>
<td>Linoleum, plastic laminates</td>
<td>Discard and replace. Use fans.</td>
</tr>
<tr>
<td>Fiberglass insulation</td>
<td>Discard and replace. Use fans.</td>
</tr>
<tr>
<td>Gypsum board</td>
<td>Discard and replace. Use fans.</td>
</tr>
<tr>
<td>Wood</td>
<td>Discard and replace. Use fans.</td>
</tr>
<tr>
<td>Metal</td>
<td>Discard and replace. Use fans.</td>
</tr>
</tbody>
</table>

Marketed By: Fiberlock Technologies, Inc.
Andover, MA 01810
(800) 342-3755

For water damage
Follow laundering or cleaning instructions recommended by the manufacturer.
Remove moisture immediately and use dehumidifiers, gentle heat, and fans for vacuum or damp wipe with water and mild detergent and allow to dry; scrub if necessary.
Discard and replace.

6

For non-valuable items, discard books and papers. Photocopy valuable/important documents, and dried. See the appropriate section of this table for recommended actions depending on the composition of the subfloor.

8310-1

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Table 2: Guidelines for Remediating Building Materials with Mold Growth Caused by Clean Water*

<table>
<thead>
<tr>
<th>Material or Furnishing Affected</th>
<th>Cleanup Methods for Table 2 given on previous page</th>
<th>Personal Protective Equipment</th>
<th>Containment</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMALL - Total Surface Area Affected Less Than 10 Square feet (FT²)</td>
<td>Use professional judgment, consider potential for remediator/ occupant exposure and size of contaminated area</td>
<td>gloves, head gear, foot coverings,</td>
<td>Limited: Goggles, N-95 respirator, half-face respirator with HEPA filter, disposable overalls, goggles/eye protection. Full: Goggles, disposable full body clothing, head gear, foot coverings, full-face respirator with HEPA filter.</td>
</tr>
<tr>
<td>Books and papers</td>
<td>Limited</td>
<td>Limited</td>
<td>Limited</td>
</tr>
<tr>
<td>Carpet and building</td>
<td>1,2,4</td>
<td>Minimum</td>
<td>Limited: Goggles, N-95 respirator, half-face respirator with HEPA filter, disposable overalls, goggles/eye protection. Full: Goggles, disposable full body clothing, head gear, foot coverings, full-face respirator with HEPA filter.</td>
</tr>
<tr>
<td>Concrete or cinder block</td>
<td>1,3,4</td>
<td>None required</td>
<td>None required</td>
</tr>
<tr>
<td>Hard surface, porous footing (linoleum, ceramic tile, vinyl)</td>
<td>1,2,3</td>
<td>N-95 respirator, gloves, and goggles</td>
<td>Limited: Goggles, N-95 respirator, half-face respirator with HEPA filter, disposable overalls, goggles/eye protection. Full: Goggles, disposable full body clothing, head gear, foot coverings, full-face respirator with HEPA filter.</td>
</tr>
<tr>
<td>Wood (plywood, gyprock board)</td>
<td>1,3</td>
<td>None required</td>
<td>None required</td>
</tr>
<tr>
<td>Wood surfaces</td>
<td>1,2,4</td>
<td>Limited</td>
<td>Limited</td>
</tr>
<tr>
<td>MEDIUM - Total Surface Area Affected Between 100 and 1000 (FT²)</td>
<td>Use professional judgment, consider potential for remediator/occupant exposure and size of contaminated area</td>
<td>gloves, head gear, foot coverings,</td>
<td>Limited: Goggles, N-95 respirator, half-face respirator with HEPA filter, disposable overalls, goggles/eye protection. Full: Goggles, disposable full body clothing, head gear, foot coverings, full-face respirator with HEPA filter.</td>
</tr>
<tr>
<td>Books and papers</td>
<td>Limited or Full</td>
<td>Limited</td>
<td>Limited</td>
</tr>
<tr>
<td>Carpet and building</td>
<td>1,2,4</td>
<td>Portable HEPA vacuum, HEPA filter</td>
<td>Limited: Goggles, N-95 respirator, half-face respirator with HEPA filter, disposable overalls, goggles/eye protection. Full: Goggles, disposable full body clothing, head gear, foot coverings, full-face respirator with HEPA filter.</td>
</tr>
<tr>
<td>Concrete or cinder block</td>
<td>1,3,4</td>
<td>None required</td>
<td>None required</td>
</tr>
<tr>
<td>Hard surface, porous footing (linoleum, ceramic tile, vinyl)</td>
<td>1,2,3,4</td>
<td>None required</td>
<td>None required</td>
</tr>
<tr>
<td>Wood (plywood, gyprock board)</td>
<td>1,3</td>
<td>None required</td>
<td>None required</td>
</tr>
<tr>
<td>Wood surfaces</td>
<td>1,2,4</td>
<td>Limited</td>
<td>Limited</td>
</tr>
<tr>
<td>LARGE - Total Surface Area Affected Greater Than 1000 (FT²) or Potential for Increased Occupant or Remediator Exposure During Remediation Estimated to be Significant</td>
<td>Use professional judgment, consider potential for remediator/ occupant exposure and size of contaminated area</td>
<td>gloves, head gear, foot coverings,</td>
<td>Limited: Goggles, N-95 respirator, half-face respirator with HEPA filter, disposable overalls, goggles/eye protection. Full: Goggles, disposable full body clothing, head gear, foot coverings, full-face respirator with HEPA filter.</td>
</tr>
<tr>
<td>Books and papers</td>
<td>Limited or Full</td>
<td>Limited</td>
<td>Limited</td>
</tr>
<tr>
<td>Carpet and building</td>
<td>1,2,4</td>
<td>Full Use</td>
<td>Full Use</td>
</tr>
<tr>
<td>Concrete or cinder block</td>
<td>1,3,4</td>
<td>Full Use</td>
<td>Full Use</td>
</tr>
<tr>
<td>Hard surface, porous footing (linoleum, ceramic tile, vinyl)</td>
<td>1,2,3,4</td>
<td>Full Use</td>
<td>Full Use</td>
</tr>
<tr>
<td>Wood (plywood, gyprock board)</td>
<td>1,3</td>
<td>Full Use</td>
<td>Full Use</td>
</tr>
<tr>
<td>Wood surfaces</td>
<td>1,2,4</td>
<td>Full Use</td>
<td>Full Use</td>
</tr>
</tbody>
</table>

*Use professional judgment to determine prudent levels of Personal Protective Equipment and containment for each situation, particularly as the remediation site size increases and the potential for exposure and health effects rises. Access the need for increased Personal Protective Equipment, if during the remediation, more extensive contact occurs. Consult Table 1 if materials have been wet for less than 48 hours, and mold growth is not apparent. These guidelines are for damage caused by clean water. If you know or suspect that the water source is contaminated or that the material is contaminated with sewage or chemical or biological pollutants, then the Occupational Safety and Health Administration (OSHA) requires PPE and containment. An experienced professional should be consulted if you and/or your remediators do not have expertise in remediating contaminated water situations.

Cleanup Methods for Table 2 given on previous page:

Method 1: Wet vacuum in the case of porous materials, some mold spores/fragments will remain in the material but will not grow if the material is completely dried. Steam cleaning may be an alternative for carpets and some upholstered furniture.

Method 2: Damp-wipe surfaces with plain water or water and detergent solution (except wood—use wood floor cleaner); scrub as needed.

Method 3: High-efficiency particulate air (HEPA) vacuum after the material has been thoroughly dried. Dispose of the contents of the HEPA vacuum in well-sealed plastic bags.

Method 4: Discard - remove water-damaged materials and seal in plastic bags while inside of containment, if present. Dispose of as normal waste. HEPA vacuum area after it is dried.

Personal Protective Equipment (PPE):

Minimum: Gloves, N-95 respirator, goggles/eye protection.

Limited: Gloves, N-95 respirator, half-face respirator with HEPA filter, disposable overalls, goggles/eye protection.

Full: Goggles, disposable full body clothing, head gear, foot coverings, full-face respirator with HEPA filter.

Contamination:

Limited: Use polyethylene sheeting ceiling to floor around affected area with a slit entry and covering flaps; maintain area under negative pressure with HEPA filtered fan unit. Block supply and return air vents within containment area.

Full: Use two layers of fire-retardant polyethylene sheeting with airlock chamber. Maintain area under negative pressure with HEPA filtered fan exhausted outside of building. Block supply and return air vents within containment area.

SMOKE DAMAGE RESTORATION:

Effective against odor causing bacteria and fungi for home, institutional, industrial and hospital use. This product is particularly suitable for use in smoke damage restoration situations against odor causing bacteria on the following porous and semi-porous materials: carpets, carpet cushion, sub floors, drywall, trim, and frame lumber, tackless strip and paneling. Follow directions as outlined in the Water Damage Restoration section. Using solutions recommended, saturate affected materials with enough product to remain wet for at least 10 minutes. Use proper ventilation.

Referring to the instructions given in Table 1 and 2 prior to use of this product for water damage restoration.

FUNGICIDAL: At 2 ounces per gallon use-level, is effective against the pathogenic fungus Trichophyton mentagrophytes (athlete’s foot fungus - cause of Ringworm) on inanimate surfaces in the presence of 5% organic soil load and 300 ppm water hardness as CaCO3 in locker rooms, dressing rooms, shower and bath areas and exercise facilities. Contact time – 10 minutes. This product, in the presence of a 98% organic soil load, diluted 1:64 (2 ounces per gallon) in 791 ppm Hard Water, demonstrated efficacy within 10 minutes against the following organisms: Staphylococcus aureus, Salmonella enterica.

This product is a Hospital Use Disinfectant at 2 ounces per gallon, modified in the presence of 300 ppm hard water and in the presence of organic soil (5% blood serum) for a contact time of 10 minutes.

Remove gross filth or heavy soil. For heavily soiled areas, a pre-cleaning step is required. This product is Bactericidal according to the ADAC Use Dilution Test Method. Virucidal according to the virucidal qualification on hard, inanimate surfaces, modified in the presence of 5% organic serum against the microorganisms listed as follows:

DISINFECTION: PREPARATION OF USE SOLUTION:

For water hardness up to 300 ppm add 2 ounces per gallon of water to disinfect hard, non porous surfaces. Apply solution with a cloth, mop, sponge, hand pump trigger sprayer or other mechanical sprayer devices. Treat surfaces must remain wet for 10 minutes. Let air dry. Prepare a fresh solution for each use. ShockWave is effective in hard water up to 300 ppm hardness.

This product, in the presence of a 98% organic soil load, diluted 1:64 (2 ounces per gallon) in 791 ppm Hard Water, demonstrated efficacy within 10 minutes against the following organisms: Staphylococcus aureus, Salmonella enterica.

This product is a Hospital Use Disinfectant at 2 ounces per gallon, modified in the presence of 300 ppm hard water and in the presence of organic soil (5% blood serum) for a contact time of 10 minutes.

Remove gross filth or heavy soil. For heavily soiled areas, a pre-cleaning step is required. This product is Bactericidal according to the ADAC Use Dilution Test Method. Virucidal according to the virucidal qualification on hard, inanimate surfaces, modified in the presence of 5% organic serum against the microorganisms listed as follows:
**Disinfection Performance:** At 2 ounces per gallon of water use level, this product is bactericidal and fungicidal on hard inanimate surfaces modified in the presence of 5% organic serum with a 10 minute contact time against:

**Gram Negative Clinical Isolates**

- Enterobacter gergoviae
- Enterobacter cloacae
- Enterobacter agglomerans
- Burkholderia cepacia
- B. pseudomallei
- A. calcoaceticus var. anitratus
- A. calcoaceticus var. baumannii
- Staphylococcus aureus
- S. epidermidis
- Micrococcus luteus

**Enterococci**

- Enterococcus faecalis
- E. faecium

**Environmental Fungi**

- Aspergillus niger
- A. flavus
- A. fumigatus
- Penicillium oxalicum
- P. chermesinum
- Penicillium aurantiogriseum

**Pathogenic Fungi**

- Cryptococcus neoformans
- Candida albicans
- C. glabrata
- C. tropicalis
- C. parapsilosis

**Other Bacteria**

- Acinetobacter baumannii
- A. nosocomialis
- A. calcoaceticus
- A. baumannii
- Pseudomonas aeruginosa
- S. maltophilia
- P. aeruginosa
- S. marcescens
- A. viscosus
- A. salmonicida

**Virucidal Performance:**

- At 2 ounces per gallon use level, this product was evaluated in the presence of 5% serum with a 10 minute contact time unless otherwise noted below and found to be effective against the following viruses on hard, non-porous environmental surfaces:

<table>
<thead>
<tr>
<th>Viruses</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H1N1</td>
<td>Porcine Influenza virus</td>
</tr>
<tr>
<td>H3N2</td>
<td>Swine Influenza virus</td>
</tr>
<tr>
<td>H5N1</td>
<td>Avian Influenza virus</td>
</tr>
<tr>
<td>SIV</td>
<td>Marek's disease virus</td>
</tr>
<tr>
<td>BVDV</td>
<td>Bovine virus diarrhea</td>
</tr>
<tr>
<td>EHV-1</td>
<td>Equine herpesvirus 1</td>
</tr>
<tr>
<td>EV</td>
<td>Equine herpesvirus 4</td>
</tr>
</tbody>
</table>

Note that the organisms referenced in this table are the focus of this section. The full list of viruses is provided in the document.
ShockWave is a concentrated Hospital Use disinfectant that is effective against a broad spectrum of bacteria, virus, fungal, and fungicidal, and eliminates odor causing bacteria when used as directed. ShockWave inhibits bacterial growth on moist surfaces and deodors by killing microorganisms that cause offensive odors. ShockWave is a versatile sanitizer and broad-spectrum disinfectant formulated for use in Ultrasonic Baths. ShockWave is a versatile cleaner, broad-spectrum disinfectant and sanitizer formulated for use on bath and therapy equipment. ShockWave may be applied through low-pressure sprayers, and fogging systems. Use ShockWave on the multi-touch surfaces responsible for cross-contamination. ShockWave provides effective cleaning strength that will not dull most metal-interlock floor finishes, and does not require a rinse prior to recoat. ShockWave is for use in:

- Hospitals, nursing homes, medical and dental offices and clinics, physician offices, operating rooms, isolation wards & medical research facilities.
- Patient care rooms & facilities, recovery rooms, anesthesia, Emergency Rooms, X-ray cat labs, new born nurseries, orthopedics, whirlpool surfaces, massage/facial tables, libraries, movie houses, bowling alleys.
- Recycling centers.
- Humidifier water tanks.
- Campgrounds, playgrounds, recreational facilities, picnic facilities, sports arena, sports complexes.
- Food processing plants, USDA inspected food processing facilities, dairy farms, hog farms, equine farms, poultry and turkey farms and egg processing plants, meat/poultry processing establishments, mushroom farms, rendering plants.
- Processing facilities for Fish, Wine, Milk, Citrus, Fruits, Vegetable, Ice Cream, and beverage plants.
- Tobacco plant premises.
- Veterinary clinics, animal life science laboratories, kennels, dog/cat animal kennels, breeding and grooming establishments, pet animal quarters, zoos, pet shops, tuck shops and other animal care facilities.
- Household and automotive garages, boats, ships, barges, camels, trailers, mobile homes, cars, trucks, buses, trains, taxis and airplanes.
- Cruise lines, airline terminals, airports, shipping terminals, public transportation.
- Commercial florist and flower shops.
- Basements, cellars, bedrooms, attics, living rooms and porches. ShockWave may be used on washable hard non-porous surfaces such as:

- Counters, stoves, sinks, tub surfaces, and exterior surfaces of appliances, refrigerators and ice machines.
- Glass, metal, stainless steel, glazed porcelain, glazed ceramic, granite, marble, plastic, sealed laminate, slate, sealed stone, sealed terra cotta, sealed terrazzo, chrome and vinyl.
- Enamelated surfaces, painted woodwork, Formica® vinyl and plastic upholstery.
- Examination tables, X-ray tables, washing areas, animal grooming areas.
- Tables, chairs, desks, bed frames, lifts, washable walls, cabinets, doorknobs and garbage cans, pupitrons and spindles.
- Exhaust fans, refrigerated storage and display equipment, coils and drain pans of air conditioning and refrigeration equipment and heat pumps.
- Large inflatable, non-porous, plastic and rubber structure such as animals, promotional items, moonwalks, slides, obstacle course play and exercise equipment.
- Hard, non-porous surfaces of picnic tables and outdoor furniture.
- Telephones and telephone booths.
- Highchairs, baby cribs, diaper changing stations, infant bassinets/cribs/warmers/ incubators/care equipment, folding tables.
- Bed railings, bedpans, cervical collars, CPR training mannequins, curing lights, neck braces, oxygen hoods, slit lamps, spine backboards, stretchers and unit stools.
- External lenses vision correction (not for use on contact lenses), light lens covers, optical instrument implements.
- Drinking fountains.
- Foundations, steps, plumbing fixtures, finished basements and windowwalls.
- Shower stalls, shower doors and curtains, bathtubs and glazed tiles, chrome plated intakes, toilets, toilet bowls, toilet bowl surfaces, urinals, empty diaper pails, portable and chemical toilets and latrine buckets, porcelain tile and restroom fixtures.
- Ultrasonic baths, whirlpools, whirlpool bathtubs.

- Kennels, kennel runs, cages, kennel/cage floors, corridor flooring.

- Wrestling and gymnastic mats, athletic training tables, physical therapy tables.

- Use ShockWave to clean non-porous personal protective safety equipment, protective headgear, athletic helmets, wrestling/boxing headgear, athletic shoe soles, hard hats, half mask respirators, full face breathing apparatus, gas masks, goggles, spectacles, face shields, hearing protectors and ear muffs. Rinse all equipment that comes in prolonged contact with skin before reuse with clean warm water about 120°F, and allow to air dry. Precaution: Cleaning at 120°F temperature will avoid overheating and distortion of the personal safety equipment that would necessitate replacement.

- Use ShockWave to clean, sanitize and disinfect non-porous ambulance equipment and surfaces by rinsing all equipment that comes in prolonged contact with skin before reuse with clean warm water about 120°F, and allow to air dry. Precaution: Cleaning at 120°F temperature will avoid overheating and distortion of the ambulance equipment and surfaces that would necessitate replacement.
**Disinfection/Fungidal/Virucidal**

**Directions:**
- Apply solution to hard inanimate, non-porous surfaces thoroughly wetting surfaces with a cloth, mop, sponge or spray. For heavily soiled areas, a pre-cleaning step is required. For sprayer applications use a coarse spray device. Spray 6-8 inches from surface and rub with brush, sponge or cloth. Do not breathe spray.
- Add 2 ounces per gallon of water to disinfect hard, non-porous surfaces. Treated surfaces must remain wet for 10 minutes. Prepare a fresh solution of the product per gallon of water, every day, when use dilution becomes diluted or soiled.

**KILLS HIV, HCV & HBV ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS:**
- In health care setting or other settings in which there is an expected likelihood of soiling of inanimate surfaces, objects with body fluids and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the transmission of human immunodeficiency virus Type 1 (HIV-1) (associated with AIDS), Hepatitis C Virus (HCV) and Hepatitis B Virus.

**SPECIAL INSTRUCTIONS FOR FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, & HBV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS:**

**PERSONAL PROTECTION:**
- Specific barrier protection items that the organism referenced in the statement is not associated with blood spills. For blood spills, the surfaces must be thoroughly cleaned before applying this product.

**CLEANING PROCEDURE:**
- Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

**DISPOSAL OF INFECTIOUS MATERIALS:**
- Blood and other body fluids, cleaning materials and clothing must be autoclaved and disposed of according to Federal, State and local regulations for infectious waste disposal. CONTACT TIME: Leave surfaces wet for 30 seconds for HIV-1 and 10 minutes for HCV and HBV. The contact time for the viruses, fungi and bacteria listed on this label is 10 minutes except for Polio virus Type 1 (Chant strain) which is 30 minutes.

**Cleansing of Body Surfaces and Body Orifices of Human Remains:**
- To clean away skin secretions and accompanying malodor and to insure the removal of all soil and bloodstains, apply 2 ounces of this product to a gallon of water to the surfaces and body openings, natural or artificial. Bathe the necropsy specimen in a large amount of washcloth. A soft brush may be employed on surfaces other than the face. Allow a 10 minute contact time for formalin. Prepare a fresh solution for application of each remains.

**VIRUCIDAL:**
- Water, demonstrated efficacy within 1 minute contact time (5% organic soil) for 30 minutes. Ventilate buildings and areas. Disposal of according to Federal, State and Local regulations. Contact time for these products is 1 minute contact time.

**General Deodorization:**
- To deodorize, add 2 ounces of this product per gallon of water. Excess material must be wiped up or allowed to air dry.

**For Use on Finished Floors:**
- To limit gloss reduction, use 2 ounces of this product per gallon of water. Apply with a damp mop or auto scrubber. Allow to air dry.

**For Odors Caused by Dogs, Cats and Other Domestic Animals:**
- Use on rugs, floors, walls, tile, cages, crates, litter boxes, mats, floor coverings, or any surface soiled by this product per gallon of water. Rinse with water. Saturate surfaces with soap or detergent and rinse with water. Saturate surfaces with a use solution of 2 ounces per gallon of water or a period of 10 minutes. Ventilate buildings and areas. Disposal Contact surfaces must be sanitized with an EPA approved food contact sanitizer prior to use. For heavily soiled contact surfaces to drain thoroughly before operations are resumed. Wear a dust mask respirator when mixing the use solution and pouring it into the fogging apparatus.

**NOTE:**
- The fog generated is irritating to the eyes, skin and mucous membranes. Under no circumstances must a room or building be entered by anyone within two hours of the actual fogging and a minimum of 4 air exchanges (ACH) per hour in the facility. If the building must be entered, then the individuals entering the building must wear a self-contained respirator approved by NIOSH/MSHA, goggles, long sleeves and long pants.

**Directions for Fogging:**
- For use in daycares, beverage and food products and packaging material to be disinfected by fogging, food products and packaging material must be removed from the room or carefully protected. After cleaning, diseased areas using one quart per 100 cubic feet of room area with a product solution containing 3 ounces product to 1 gallon of water. Vacate the area of all personnel for a minimum of 2 hours after fogging and a minimum of 4 air exchanges (ACH) per hour in the facility. All food contact surfaces must be sanitized with an EPA approved food contact sanitizer prior to use. For heavily soiled contact surfaces to drain thoroughly before operations are resumed. Wear a dust mask respirator when mixing the use solution and pouring it into the fogging apparatus.

**Laundry Additive (Residual Bacteriostatic and Residual Self-Sanitizing Activity) Under Conditions of High Relative Humidity or Wet Contamination against Odor-Causing Bacteria for Institutional, Industrial and Hospital Use:**
- There sanitizes laundry such as bedspreads, sheets, pillowcases, diapers, towels, and other wet linens by controlling and/or reducing the growth of odor-causing bacteria. It can be used in industrial and institutional areas such as motels, hotel chains, nursing homes and hospitals. This product is used as an addition to the final rinse cycle. Add 8 fluid ounces of this product per 100 lbs. of dry laundry to the final rinse cycle water. If the product is to be diluted prior to adding it to the final rinse cycle, use 1 ounce per gallon of water and then add to the washwheel in the final rinse cycle.

**FOGGING IS TO BE USED AS AN ADJUNCT TO ACCEPTABLE CLEANING AND DISINFECTING OF ROOM AND MACHINE SURFACES.**
SHOE BATH SANITIZER:
To prevent cross contamination from area to area in animal areas, and the packaging and storage areas of food plants, shoe baths containing one inch of freshly made solution must be placed at all entrances to buildings, hatcheries and at all the entrances to the production and packaging rooms. Scrape waterproof shoes and place in 2 ounces of this product per gallon of water solution for 1 minute prior to entering area. Change the sanitizer solution in the bath at least daily or sooner if solution appears dirty.

SHOE FOAM DIRECTIONS:
To prevent cross contamination from area to area in animal areas, and the packaging and storage areas of food plants, apply a foam layer approximately 0.5 to 2 inches thick made from a solution of 2 to 2¾ ounces per gallon of water at all entrances to buildings, hatcheries, production and packaging rooms by using a foam generating machine or aerator to apply foam layer. Follow the foaming directions as specified by the manufacturer of the foam generator/aerator. Scrape waterproof shoes. Stand and/or walk through foamed area for 1 minute prior to entering area. Foam area must be washed and replaced at least daily or when it appears dirty.

ENTRYWAY SANITIZING SYSTEMS:
To prevent cross contamination from area to area, set the system to deliver 2 oz. per gallon of water of sanitizing solution. The spray/foam must cover the entire path of the doorway. Set the system so that a continuous wet blanket of sanitizer solution is delivered to the floor. Do not mix other foam additives to the sanitizing solution.

Disinfection of Hard, Non-Porous Surfaces in Whirlpool Units:
After using the whirlpool unit, drain and refill with fresh water to just cover the intake valve. Add 2 ounces of this product for each gallon of water at this point. Briefly start the pump to circulate the solution. Turn off the pump. Wash down the unit sides, seat of the chair, lift and any/all related equipment with a clean swab, brush or sponge. Treated surfaces must remain wet for 10 minutes. After the unit has been thoroughly disinfected, drain the solution from the unit and rinse any/all cleaned surfaces with fresh water. Repeat for heavy soiled units.

Food Processing Plants Using Fogging Devices:
For use in dairies, beverage and food processing plants. Prior to fogging, food products and packaging material must be removed from the room or carefully protected. Wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus. After cleaning, fog desired areas using 1 quart per 1000 cubic feet of room area with a solution containing 2 7/8 ounces of product to 1 gallon of water. Vacate the area of all personnel for a minimum of 2 hours after fogging. All food contact surfaces must be thoroughly rinsed prior to reuse with potable water then sanitized with an EPA approved food contact sanitizer. NOTE: The fog generated is irritating to the eyes, skin and mucous membranes. Under no circumstances must a room or building be entered by anyone within two hours of the actual fogging and a minimum of 4 air exchanges (ACH) per hour in the facility. If the building must be entered, then the individuals entering the building must wear a self-contained respirator approved by NIOSH/MSHA, goggles, long sleeves and long pants.

Note:
Fogging is to be used as an adjunct to acceptable manual cleaning and disinfecting of room and machine surfaces.

Special Instructions for Cleaning Carpet Against Odor Causing Bacteria:
This product may be used in industrial, institutional, commercial and residential areas such as homes, motels & hotel chains, nursing homes, schools and hospitals. Do not use on wet, cleanable synthetic fibers. Do not use on wool. Vacuum carpet thoroughly prior to cleaning. Test fabric for color fastness.

Portable Extraction Units:
Mix 2 ounces of this product per gallon of water.

For truck mounted extraction machines:
Mix 24 ounces of this product per gallon of water and meter at 4 gallons per hour.

For rotary floor machines:
Mix 2 ounces of this product per gallon of water and apply at the rate of 300-500 sq. ft. per gallon.

Do not mix this product with other cleaning products. Follow the cleaning procedures specified by the manufacturer of the cleaning equipment. After using this product, set the carpet pile and protect the carpet from furniture legs and bases while drying. Do not over wet. If applied to stain resistant nylon carpet, apply a fabric protector according to the carpet manufacturer's directions.