

PM 32 334-417

1.45

DEC 17 1990

Mr. Jack Smothers
Hysan Corporation
4309 South Morgan Street
Chicago, IL 60609-3399

Dear Mr. Smothers:

Subject: C-Spra Disinfectant-Deodorant
EPA Registration No. 334-417
Your Resubmission Dated September 21 1990

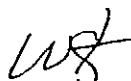
The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted.

We have reviewed the submitted Acute Inhalation Toxicity Study, and it is acceptable. The LC_{50} is greater than 2.32 mg/L; therefore, it is Toxicity Category III.

This study is now a part of the records for this registration.

If you have any further questions, please contact Ms. Barbara Pringle at (703) 557-0484.

Sincerely yours,



Walter C. Francis
Acting Product Manager (32)
Antimicrobial Program Branch
Registration Division (H7505C)

61994:I/C:Pringle:L32-7:KENCO:12/12/90:01/10/91:DD:vo:ek:de

CONCURRENCES

SYMBOL	WF 75240					
SURNAME	Pringle					
DATE	12/12					

2645

(CHECK WITH LARA OFFICE BEFORE ORDERING THE USDA STATEMENT BELOW.)

Authorized by USDA for use in Federally inspected meat and poultry plants.

KILLS HIV-1 (AIDS VIRUS) AND HERPES SIMPLEX TYPES 1 & 2 VIRUSES ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS.

C-SPRA DISINFECTANT • DEODORANT

A READY-TO-USE MULTI-PURPOSE HOSPITAL USE AND BROAD-SPECTRUM DISINFECTANT • ANTIMICROBIAL • DEODORIZER FOR USE ON HARD, NONPOROUS, INANIMATE SURFACES IN/ON INDUSTRIAL, INSTITUTIONAL, COMMERCIAL, RESIDENTIAL, AND MEDICAL FACILITIES, EQUIPMENT, AND VEHICLES.

**VIRUCIDAL* • TUBERCULOCIDAL
FUNGICIDAL • BACTERICIDAL
PSEUDOMONICIDAL • STAPHYLOCIDAL
CONTROLS MOLD/MILDEW FUNGI**
(Specific species/agents listed on back panel.)

ACTIVE INGREDIENTS:	
2-Phenylphenol	0.216%
4-tert-Amylphenol	0.054%
Ethanol**	66.000%
INERT INGREDIENTS	33.730%
TOTAL	100.000%

**Specially Denatured Alcohol

**KEEP OUT OF REACH OF CHILDREN.
WARNING**

SEE ADDITIONAL PRECAUTIONARY AND PRACTICAL TREATMENT (FIRST AID) STATEMENTS ON BACK PANEL.

EPA Reg. No. 334-417

EPA Est. No. 334-IL-2

MANUFACTURED BY
hysan[®]
CORPORATION
MAIN OFFICE CHICAGO, IL 60309

OTHER LOCATIONS Waco, TX 76712
Blue Island (Chicago), IL 60406
Cartersville (Atlanta), GA 30120

NET 32 FL OZ (1 QT) 946 mL

DESINFECTANTE DESODORANTE

FEATURES, CLAIMS, AND USES

FOR USE ON: Glass, porcelain, ceramic, metal, polyethylene, polypropylene, vinyl, polyester, ABS, bakelite, rubber, enameled surfaces, and other hard, non-porous materials and surfaces not damaged by alcohol.

• **READY-TO-USE • DOUBLE-ACTION PRODUCT •**

Decontaminates surfaces two ways, leaving them thoroughly disinfected and deodorized.

DUAL-DEODORIZING ACTION: Fresh-scented to quickly suppress unpleasant odors from many sources as it destroys microorganisms that cause putrefactive odors.

HOSPITAL-TYPE DISINFECTING ACTION: Medical-level and broad-spectrum antimicrobial activity destroys many organisms which threaten public health or create unpleasant odors and other undesirable effects. Reduces the hazard of cross-contamination from hard, inanimate surfaces in medical facilities.

Virucidal* - Inactivates Human Immunodeficiency virus Type 1 (HIV-1; a retrovirus that causes "AIDS" [Acquired Immune Deficiency Syndrome]); Herpes simplex Types 1 and 2; Coxsackieviruses A2 and B3; Adenovirus Type 5; Influenza A2/Hong Kong; and Vaccinia on hard, inanimate surfaces.

Bactericidal - kills *Escherichia coli*; *Pseudomonas aeruginosa*; *Salmonella choleraesuis*; *Salmonella schottmuelleri* (paratyphoid B); *Shigella dysenteriae*; *Staphylococcus aureus*; and *Streptococcus pyogenes*.

Tuberculocidal - kills *Mycobacterium tuberculosis* (Tubercle bacilli) on surfaces that have been thoroughly cleaned prior to treatment. Effective in 10 minutes at 20°F (68°F).

Fungicidal - kills *Trichophyton mentagrophytes* ("athlete's foot" fungi; formerly *T. interdigitale*) in appropriate areas, such as shower room floors, locker room benches, and bath mats.

Controls Mold/Mildew - Completely inhibits growth of these fungi on cloth: *Aspergillus niger* and *Penicillium variable* (formerly *P. glaucum*).

Sanitizes: Reduces odor-causing microorganisms on nonporous surfaces.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes eye irritation. Do not get in eyes or on skin. Avoid breathing spray mist or vapors. Harmful if swallowed.

PRACTICAL TREATMENT (FIRST AID)

GENERAL: Quickly follow directions below AND call a Poison Control Center (or emergency department or physician). Always get quick medical attention for ANY ill effects which continue (or show up later).

IF IN EYES: Flush eyes with plenty of water while removing any contact lenses, then hold eyelids open and flush eyes thoroughly with water.

PHYSICAL/CHEMICAL HAZARDS

FLAMMABLE. Keep away from heat, sparks, and flames. Do not use in the vicinity of pilot lights.

Do not use on "latex" paint, polished wood furniture, or other materials that could be damaged by alcohol.

It is a violation of Federal law with its labeling.

GENERAL: Thoroughly clean not get product on foods/drink/protect during treatment by food/drink/feed contact surface product and rinsed with potable drink/feed processing areas.

TO KILL HIV-1 (Human Immunodeficiency Virus) ON PRE-CLEANED SURFACES/OBJECTS: Environmental surfaces/objects of HIV-1 and likely to be contaminated SPECIAL INSTANTANEOUSLY AGAINST HIV-1.

BLOOD/BODY FLUIDS: PERFORM SUCH AS DISPOSABLE latex gloves worn when handling items.

PROCEDURE- Blood/body fluids/objects before application. face wet for 10 minutes. Blood/body fluids and materials should be autoclaved or local regulations for infectious.

TO DISINFECT, CONTROL MOLD/MILDEW ON SURFACES: Hold spray opening spray until it is thoroughly proximately 20°C (68°F), then control, repeat application when necessary.

TO DEODORIZE AND FRESHEN: corners of room, keeping spray.

GENERAL: Do not contaminate during transport, use, storage spilled, soak up and wrap any.

STORAGE: Keep in upright, locked area inaccessible to children degradation, and contamination sunlight, and other chemicals.

DISPOSAL: Do not reuse thoroughly, then securely wrap trash.

EPA Reg. No. 334-417

MANUFACTURED BY
hysan[®]
CORPORATION
MAIN OFFICE CHICAGO, IL 60309

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Hysan Product Name: **C-SPRA**

Hysan Product #: **25660-32-X-XX-XXXXX**

Disk Volume: 054 (L); Filename: A25660-32 EPA; Date Last Revised: 09-21-90

Product File Name at EPA: C-Spra Disinfectant Deodorant

HYSAN LARA APPROVAL - by: _____ Date: _____

HYSAN APPROVAL - by: _____ Date: _____

N. SALES APPROVAL - by: _____ Date: _____

(S)
ON

DIRECTIONS FOR USE (continued)

STORAGE AND DISPOSAL (continued)

Required disposal procedures for this product in containers over 1 gal (3.78 L) in size.

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

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and Local authorities. Rinsed plastic & paper-reinforced plastic containers may also be disposed of by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT NOTICE! RELABELING/REPACKAGING

It is illegal to distribute or sell a relabeled/repackaged pesticide without a prior, written contract with the basic registrant.

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Made in U.S.A.

25660

NOTE: Section below includes optional claims.

FEATURES, CLAIMS, AND USES

POWERFUL • PLEASANT

ELIMINATES ODORS BY ATTACKING THEM AT THEIR SOURCE

FOR HOSPITAL USE AND BROAD-SPECTRUM DISINFECTING/ANTIMICROBIAL ACTIVITY ON HARD, NONPOROUS, INANIMATE SURFACES

A ready-to-use, powerful, pleasant, hospital-type and broad-spectrum disinfectant that decontaminates and deodorizes surfaces after a 10 minute exposure time. Eliminates dilution errors, product contamination, and other problems common to products that require dilution and mixing.

VIRUCIDAL - inactivates these agents: Human immunodeficiency virus Type 1 (HIV-1); a retrovirus that causes "AIDS" [Acquired Immune Deficiency Syndrome]; Herpes simplex Type 1 (a herpesvirus that causes cold sores); Herpes simplex Type 2 (a herpesvirus that causes "genital herpes"); Coxsackieviruses A2 and B3 (picornaviruses; human enteroviruses); Adenovirus Type 5 (an adenovirus); Influenza A2/Hong Kong (a myxovirus); and Vaccinia (a poxvirus) on hard, inanimate surfaces.

SAFE TO USE ON: Most glass, porcelain, ceramic, metal, painted, enameled, plastic, rubber, and sealed leather, wood, concrete, and similar surfaces, including • Stainless steel • Aluminum • Iron & Steel • Chrome • Brass • Copper • Ceramic, Plastic, & Quarry Tile • sealed Cement/Grouting • Cork • finished Woodwork • Leatherette • Polyethylene • Polypropylene • Polyurethane • Vinyl • Polyester • ABS • Bakelite • Acrylic • and other hard, non-porous materials and surfaces not damaged by alcohol.

EXCELLENT FOR DECONTAMINATING: Surfaces such as Toilet Seats & Toilets • Urinals • Bathlubs • Shower Stalls • Bathroom Fixtures • Partitions • Walls, Baseboards, Floors, & Ceilings • Telephones • Bed Frames & Springs • Tiled Surfaces • Wash Basins & Sinks • Counter & Table Tops • Hoods • Exhaust Fans • Laminar Flow Cabinets & Hoods • Railings, Faucet Handles, Door Knobs, & other Fixtures • Halls, Hallways, Stairs, & Stairways • Elevators & Escalators • Light Switches & Fixtures • Plastic Upholstery • Seats & Benches • Lockers • Counters • Wheelchairs & Power Carts • Laundry, Linen, Dressing, Clean-up, & Equipment Carts • Laundry Chutes & Hampers • Trash Compactors • Diaper Pails • Portable Toilets & Potties • Garbage & Refuse Containers • Pet Quarters • Furniture • Chairs & Seating • Tables, Counters, & Desks • Cabinets, Closets, & Lockers • Equipment & Machinery • Racks • Conveyors • Appliances • Medical Equipment & Furniture • many other similar public and residential surfaces which could harbor hazardous microorganisms.

TWO-WAY SURFACE DEODORIZING ACTION: Its fresh scent acts instantly and remains effective for long periods on unpleasant odors. Quickly counteracts "CHEMICAL" MALODORS such as garlic, onion, tobacco smoke, stale odors, musty smells, fish, gas, and urine; in kitchens, bathrooms, basements, and many other occasionally malodorous, unpleasant areas and situations. Kills many microorganisms that generate the "BIOLOGICAL" MALODORS associated with surgical dressings, ostomy pouches, malignant diseases, excised organs and tissue, fecal matter, burns, perspiration, garbage, and other decaying, putrefying organic matter.

IN DENTAL FACILITIES

This powerful hospital-type disinfectant/deodorizer helps decontaminate hard, nonporous surfaces on furniture, equipment, and other items in dental facilities, such as: patient's and operator's chairs, operator's light, working surfaces, bracket table, evacuator reservoir, tray racks and trays, x-ray control panel and button, viewers, waiting room furniture, bathroom fixtures, lab areas and equipment, railings and door knobs, and on other public surfaces which could harbor dangerous microorganisms. Use this product to disinfect and deodorize these and many other surfaces in dental areas.

OTHER CLAIMS

It kills the microorganisms listed, and helps to control odors caused by many biological putrefactive processes in: hospitals, doctor's offices, dentist's offices, nursing homes, ambulances, veterinary offices, animal hospitals, and other medical facilities, including those from surgical dressings, post-colostomy and post-ileostomy dressings and bags, ostomy pouches, malignant diseases, fecal matter, burns, perspiration, and other decaying tissue and organic matter. Also helps to control microorganisms and putrefactive odors in: food storage, processing, packaging, handling, and serving establishments & equipment; industrial and institutional facilities; plants and offices; zoos; pet boarding facilities; household pet quarters; homes; other commercial and residential facilities.

It is also a non-specific odor suppressant for space odor conditioning. Molecular deodorant attacks malodors at the source. Suppresses and eliminates odors by chemically neutralizing odor-producing materials. Does not cause anosmia.

NOTE: Section below includes optional/additional claims that can be made for product (based on listings in CFR 40, Part 158, Appendix A). This assumes that all active ingredients in this product will be supported for the following general NONFOOD/NONFEED use patterns (use groups): INDOOR (RESIDENTIAL/DOMESTIC, MEDICAL, and NONFOOD). The following general use patterns are NOT claimed, because at least one of the actives is not expected to be supported for that use: Indoor (food); Residential/Domestic Outdoor; Forestry; Greenhouse (food crop and nonfood crop); Aquatic (residential/domestic nonfood/noncrop, Industrial nonfood/noncrop, outdoor nonfood/noncrop, and food use/crop); and Terrestrial (non-food crop and food/feed crop).

CAN BE USED IN/ON SITES SUCH AS THE FOLLOWING (only under conditions where it will not contact foods/drinks/feeds, and where humans and animals would have only limited or incidental contact) ...

Processed or Manufactured Products-

Processed or manufactured nonfood plant and animal products (indoor): Textiles, fabrics, and fibers; fur and hair products; and leather products.

Processing and handling equipment and machinery- other than food processing (indoor).

Pets and Domestic Animals- their man-made premises-

Fur and wool-bearing animals (indoor): Goats, sheep, minks, chinchillas, rabbits, foxes, and nutrias.

Animals for labor, display, riding, racing, lab uses, etc. (indoor): Dogs; horses, donkeys, and mules; guinea pigs; mice; rats; gerbils; hamsters; monkeys; cats, chickens and birds; wild rodents; zoo ruminants; zoo ungulates; zoo canines; zoo felines; zoo primates; zoo reptiles; zoo amphibians; zoo birds; zoo- others; aquarium fish.

Animals for pets, including their cages, bedding, nests, etc. (indoor): Dogs; cats; birds; rodents; lagomorphs; fish; amphibians; reptiles; primates; and other vertebrates.

Household-

Non-food areas and sites (indoor): Closets and storage areas; basements and cellars; bedrooms; attics; recreation rooms; living rooms; baseboards, window sills, etc.; plumbing fixtures; and sickrooms.

Household contents and space (indoor): Beds; rugs; bookcases; furs, fabrics, and blankets; play pens; and sickroom utensils.

Commercial and Industrial Uses-

Transportation facilities (indoor): Buses; trucks and trailers; containerized units; railroad cars; aircraft; ships/barges; autos and taxis; recreational vehicles; and shipping containers.

Food and feed processing plants (indoor): Inedible and nonprocessing areas of: Bakeries; bottlers; canneries; dairies, creameries, and milk processing plants; feed mills and feed stores; fresh fruit packing and processing; meat processing; poultry processing; wineries and wine cellars; flour mills, machinery, warehouses, bins, and elevators; egg processing; candy and confectionery plants; sugar processing, cane mills, etc.; cider mill; dry food products plants; tobacco processing; beverage processing; nut processing; cereal processing; seafood processing; vegetable oil processing, spice mills; vinegar processing; linnaceous processing (noodles, etc.); mushroom processing; dried fruit processing; pickle processing; ice plants; chocolate processing; and fruit juice processing.

Eating establishments- all (indoor): Non-food-contact surfaces in/on- food handling areas; food serving areas; eating establishment nonfood areas; food storage equipment (coolers, refrigerators, etc.).

Food marketing, storage, and distribution (indoor): Non-food-contact surfaces in/on food dispensing and vending equipment; food stores, markets, and stands; meat and fish markets; food catering facilities; and food marketing, storage, and distribution equipment and utensils.

Hospitals and related institutions and facilities (indoor): Critical premises (for example, burn wards, etc.); hospital patient premises (wards, emergency rooms, etc.); noncritical premises (labs, lounges, lobbies, and storage); critical items (hypodermic needles, dental instruments, catheters, etc.); and noncritical items (such as bedpans, carpets, furniture, etc.).

Janitorial equipment (indoor).

Barber and beauty shop instruments and equipment (indoor).

Morgues, mortuaries, and funeral homes (indoor): Premises (embalming rooms, etc.); equipment (tables, etc.); instruments; and burial vaults and mausoleums.

Commercial, institutional, and industrial maintenance buildings, and structures (indoor): Locker rooms; equipment; gyms, bowling alleys, and equipment; telephones and booths; shower rooms, mats, and equipment; cotton mill premises and equipment; auditoriums and stadiums; factories; rendering plants; loading areas and ramps; school buildings and equipment; office buildings; and laundries.

Domestic and Human Use-

Fiber product protection (mildew-proofing) (indoor): Clothing; upholstery; ornamental fabrics (draperies and tapestries); ropes; and sail cloth.

Human articles and materials (indoor): Bedding, blankets, mattresses; clothing; face gear (such as goggles, face masks, etc.); headgear (such as safety helmets, headphones, etc.); mouthpieces for musical instruments, etc.; brick, asbestos, etc.; wood surfaces; leather surfaces; fabric surfaces; and paper/paperboard surfaces.

Specialty uses (indoor): Non-food-contact surfaces/materials in/on museum collections (preserved animal and plant specimens); military uses (not specified); quarantine uses (not specified); DHHS/FDA uses (not specified); underground cables; cuspidors and spittoons; diapers; laundry equipment (carts, chutes, tables, etc.); dust control products and equipment (mops, etc.); dry cleaning; carpets; and upholstery.

Bathrooms, toilet bowls, and related sites (indoor): Bathroom premises; toilet bowls and urinals; toilet tanks; portable and chemical toilets; vehicular holding tanks; and diaper pails.

Refuse and solid waste (indoor): Refuse and solid waste containers; refuse and solid waste transportation and handling equipment; garbage dumps; household trash compactors; garbage disposal units and feed disposals; and mixers.

Miscellaneous Indoor Uses-

Surface treatments (indoor): Non-food-contact surfaces, including hard nonporous surfaces (painted, tile, plastic, metal, glass, etc.), hard porous surfaces (cement and plaster), camping equipment and gear; and grooming instruments (brushes, clippers, razors, etc.).

Laundry, cleaning, and dry cleaning (indoor)

4075

NOTE: Below are special directions for use on a dental pouch; not for use on normal customer labels.

FOR DISINFECTING DENTAL HANDPIECES

NOTE: The disposable dental handpiece sleeve is not a substitute for sterilization. It is recommended only for disinfecting handpieces which cannot be sterilized by steam autoclave, unsaturated chemical vapor, dry heat, or ethylene oxide, due to physical limitations, incompatibility, or residue.

FOLLOW THESE STEPS!

1. Always wear gloves.
2. Flush handpiece thoroughly for 20 to 30 seconds. Remove the bur.
3. Clean handpiece thoroughly to remove saliva, blood, and other organic soil. Scrub handpiece with small brush and detergent under running water.
4. Blot handpiece dry with a clean paper towel. Water droplets clinging to the handpiece will dilute the disinfectant.
5. Grasp tabs at upper right corner of pouch and open to the line "open to here". This allows sufficient room to insert either a high or low speed handpiece.
6. Insert handpiece completely into sleeve between the disinfectant-soaked sponges.
7. Vigorously massage handpiece inside sleeve from top to bottom. Massaging action distributes disinfectant over entire handpiece surface and provides a beneficial scrubbing effect.
8. Leave handpiece inside sleeve for at least 10 minutes at approximately 20°C (68°F). Handpiece with sleeve must be suspended by tubing with open end of sleeve upward.
9. After 10 minute disinfection cycle, rinse handpiece in water, or wipe with an alcohol-saturated sponge to remove residual disinfectant.
10. Blot dry with a paper towel.
11. Lubricate handpiece according to manufacturer's directions.
12. Dispose of the used sleeve in the trash.

STORAGE AND DISPOSAL

GENERAL: Do not contaminate other materials (including water/food/feed) during transport, use, storage, and disposal. If damaged, leaking, or spilled, soak up and wrap any waste, then dispose of as below.

STORAGE: Keep unused sleeves in original carton in a cool, dry, locked area inaccessible to children and away from sources of ignition, heat, degradation, and contamination (including flames, sparks, hot surfaces, sunlight, and other chemicals).

DISPOSAL OF SLEEVE: Do not reuse sleeve; after use, discard in trash.

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Made in U.S.A.

25660

ACCEPTED
with COMMENTS
in EPA Letter Dated:

DEC 17 1990

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

334-417

Hysan Product Name: **C-SPRA**
Hysan Product #: **25660-32-X-XX-XXXXX**
Disk Volume: 054 (L); Filename: A25660-32 EPA ; Date Last Revised: 09-21-90
Product File Name at EPA: C-Spra Disinfectant Deodorant

HYSAN LARA APPROVAL- by: _____ Date: _____
 HYSAN R&D APPROVAL- by: _____ Date: _____
 HYSAN SALES APPROVAL- by: _____ Date: _____

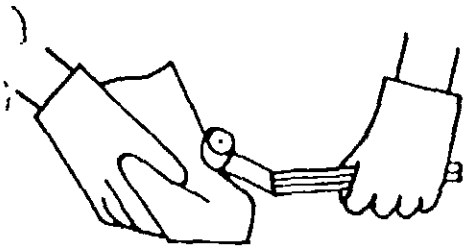
ADDITIONAL COPY ON BACK.)

Always wear gloves.

Flush handpiece thoroughly for 20-30 seconds. Remove the bur.

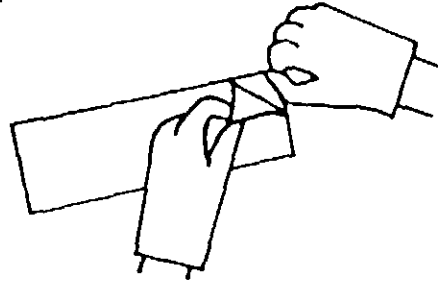
Clean handpiece thoroughly to remove saliva, blood, and other organic soil. Scrub handpiece with small brush and detergent under running water.

4.



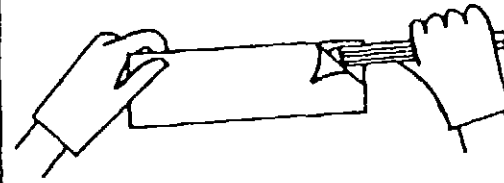
Blot handpiece dry with a clean paper towel. Water droplets clinging to the handpiece will dilute the disinfectant.

5.



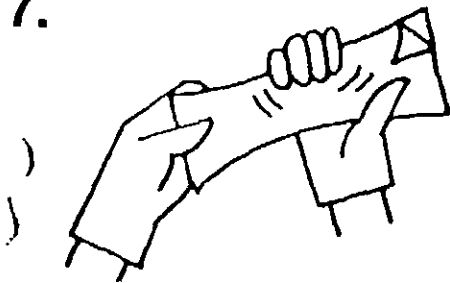
Grasp tabs at upper right corner of pouch and open to the line "open to here". This allows sufficient room to insert either a high or low speed handpiece.

6.



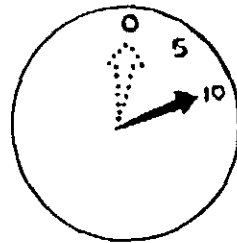
Insert handpiece completely into sleeve between the disinfectant soaked sponges.

7.



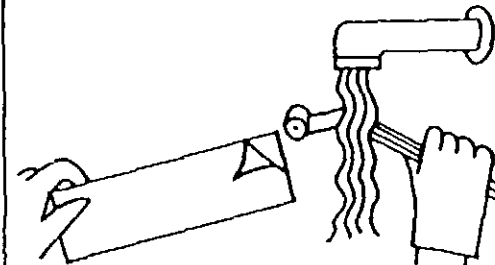
Vigorously massage handpiece inside sleeve from top to bottom. Massaging action distributes disinfectant over entire handpiece surface and provides beneficial scrubbing effect.

8.



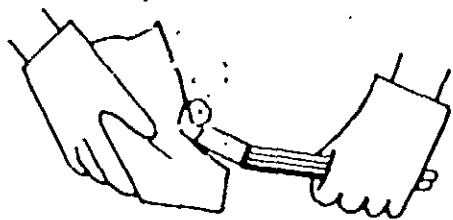
Leave handpiece inside sleeve for at least 10 minutes. Handpiece with sleeve may be suspended by tubing with open end of sleeve upward.

9.



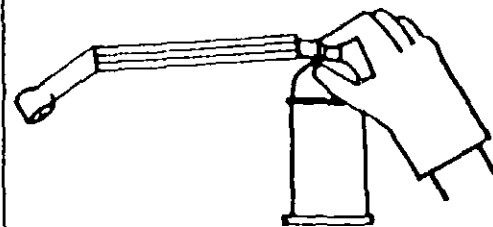
After 10 minute disinfection cycle, rinse handpiece in water, or wipe with an alcohol-saturated sponge to remove residual disinfectant.

10.



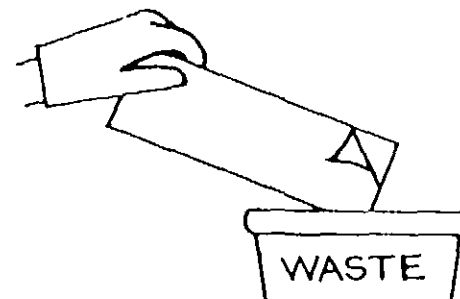
Blot dry with a paper towel.

11.



Lubricate handpiece according to manufacturer's directions.

12.



Dispose of the used sleeve in the trash.