

FM32

334 285

1 of 9

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 6 1992

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

Dear Mr. Smothers:

Subject: Poly Zag Bowl Sanitizer
EPA Registration No. 334-285
Your Resubmission of January 30, 1992

The supplier's information on components employed in the subject product formulation as requested by EPA for review in conjunction with your proposal to redesignate the active ingredients of the subject product has been reviewed. Please note the following.

1. The submitted chemical identities of "Neodol 45-13"; "Surfonic L24-12"; "Novel 2-1412-70"; "Genapol 24-L-98N"; "Genapol 24-L-92"; and "Monazoline O" have been reviewed, have had pesticide chemical codes assigned to them and are acceptable.

2. The revised Confidential Statement of Formula (CSF) reflects the change in the designation of active ingredients, agrees with the label claim and is acceptable.

3. The proposed product labeling associated with the redesignation of the active ingredients has been reviewed. The labeling referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. A stamped copy is enclosed for your records. Five copies of the finished labeling which incorporate these comments must be submitted before you release the product for shipment.

- In the second paragraph of the "Features Claims and Uses" column, with the heading, "Two Way Surface Deodorizing Action", change the sentence "Kills many microorganisms that generate..." to read: "Controls many microorganisms that generate..."

- And on the back panel under the heading "Two Way Surface Deodorizing Action", in the "Features Claims and Uses" column, change the word "Kills" to "Controls".

CONCURRENCES

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

If you should have any questions concerning this letter, you may call Robert Travaglini on (703) 305-6909.

Sincerely,



Ruth G. Douglas
Product Manager (32)
Antimicrobial Program Branch
Registration Division (H7504C)

[Check with LARA Office before adding the USDA statement below]

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

POLY ZAG® BOWL SANITIZER

Cleans • Disinfects • Deodorizes • De-scales

A high acid, ready-to-use, one-step cleaner/disinfectant with hospital-level and broad-spectrum disinfecting/antimicrobial activity. For use on acid-resistant, hard, nonporous, non-food-contact surfaces in/on industrial, institutional, commercial, and medical buildings, vehicles, and equipment.

ACTIVE INGREDIENT:	Hydrogen chloride	23.70%
INERT INGREDIENTS		76.30%
TOTAL		100.00%

KEEP OUT OF REACH OF CHILDREN.
DANGER  **POISON**

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

EPA Reg. No. 334-285

EPA Est. No. 334-IL-1

MANUFACTURED BY
hysan™
CORPORATION

Chicago, IL 60609
Blue Island, IL 60406
Cartersville, GA 30120
Waco, TX 76712

NET 32 FL OZ (1 QT) 946 mL

NET 1 GAL (3.78 L)

NET 55 GAL
(208 L)

ACCEPTED
with COMMENTS
in EPA Letter Dated:
JUN 8 1982

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 334-285

Hysan Product Name: **POLY ZAG**
 Hysan Product # **69772-32-X-XY-XX4XX**
 NOTE: HPE = 69772 FOR QUARTS HPE = 69672 FOR 1 GAL & LARGER
 Disk Volume: 066 (L), Filename: A69772-32 EPA, Date Last Revised: 10-03-91
 Product File Name: EPA: Poly Zag Bowl Sanitizer

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

(NOTE: Minimum type size on back panel is 6 points. (A reduction to 80% will give about 6 point type with about 14 1/2 pic. column width and 30 pic. panel depth.)

FEATURES, CLAIMS, AND USES

This is a one-step, ready-to-use, concentrated sudsing cleaner, de-scaler, disinfectant, and deodorizer for acid-resistant surfaces. With daily use, it leaves surfaces sparkling, fresh-smelling, germ-free, and sanitary. It removes hard water (lime scale) and urine deposits, rust stains, and various other discolorations on acid resistant surfaces (such as porcelain, ceramic, glass, polyethylene, polypropylene, PVC, ABS and acrylic), including those found on most toilets, urinals, bathtubs, shower stalls, and sinks. Cleans away dirt, grease, and grime. Contains no abrasives; will not scratch surfaces. Contains no phosphorous compounds.

TWO-WAY SURFACE DEODORIZING ACTION. Quickly counteracts "CHEMICAL" MALODORS such as urine. Kills many microorganisms that generate the "BIOLOGICAL" MALODORS associated with decaying organic matter in medical care and other areas.

BACTERICIDAL kills Pseudomonas aeruginosa, Salmonella choleraesuis, and Staphylococcus aureus in the presence of 5% organic soil load when diluted up to 26 fl. oz per gal (200 mL/L) with water containing up to 800 ppm hardness (expressed as CaCO₃), when tested by the AOAC Use Dilution Method.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER Corrosive to eyes, skin, and other tissue. Do not get in eyes, on skin or clothing. Wear acid-impermeable goggles or face shield, apron, and long-sleeved gloves when handling. Harmful or fatal if swallowed. Do not take internally or contaminate foods/drinks/feeds or surfaces they may contact. Vapor may be harmful if inhaled. Use only in a well-ventilated area with a constant supply of fresh air. Avoid breathing vapors.

STATEMENTS OF PRACTICAL TREATMENT (FIRST AID)

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

IF IN EYES IMMEDIATELY flush eyes with plenty of water while removing any contact lenses, then hold eyelids open and flush eyes thoroughly with water, continuing until victim gets medical assistance.

IF SWALLOWED DO NOT INDUCE VOMITING unless directed by medical personnel. Get IMMEDIATE medical attention, for conscious victim, rinse mouth with water, spit out, rinse, then drink a glassful or more of water (if it will not cause vomiting). Do not give victim gas-forming antacids.

IF ON SKIN, CLOTHING, ETC. IMMEDIATELY flush affected skin with large amounts of water while removing any contaminated clothing, shoes, jewelry, etc., and continue flushing for 15 minutes. Discard all contaminated items or thoroughly clean them before use.

IF INHALED If ill, IMMEDIATELY get victim fresh air and medical attention. Keep them breathing, apply artificial respiration if necessary.

PHYSICAL/CHEMICAL HAZARDS

Liquid and vapors are corrosive and may damage some metals, plastics, fabrics, and other materials and surfaces. Securely reclose container when not in use.

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

GENERAL: Do not use on acid-resistant surfaces. Remove any deposits with a pre-cleaning abrasive pad, scraper, or brush. Uses complete disinfection of 10 minutes at appropriate temperature.

TO CLEAN, DE-SCALE URINALS (Bowls, Traps, etc.) For flush boxes, shut off water, remove any scale, flush with water as possible (swab) or plunger.

Apply undiluted product to suitable applicator.

(especially into any gaps and down into traps). After 10 minute disinfection unit and/or wash covers, screens, blockages, etc.

TO DISINFECT BOWL WATER LINE: After possible over the trap water remaining in bowl unit.

TO CLEAN, DISINFECT SURFACES: Apply undiluted product to surfaces, making sure to disinfecting time, wash/flush.

GENERAL: Do not drink/feeds/water. Handle any damaged container for "disposal".

STORAGE: Fumes are highly flammable. Keep in upright, tightly sealed, well-ventilated, locked area away from flames, sparks, hot surfaces, etc.

PESTICIDE DISPOSAL: Proper disposal of excess product in violation of Federal law. According to label instructions, Environmental Control Agency at the nearest EPA Regional Office.

CONTAINER DISPOSAL: Recycling or reconditioning, landfill, or by other means, as approved by local authorities. Rinsed container may also be disposed of by local authorities, by local authorities, by local authorities.

DISPOSAL FOR CONTAMINATED EMPLOYEES: original container wrap in several layers.

EPA Reg. No. 334-285

MANUFACTURED BY
hysan CORPORATION

(SEE ADDITIONAL COPY ON BACK.)

**FEATURES, CLAIMS, AND USES
FOR HOSPITAL USE AND BROAD-SPECTRUM
DISINFECTING/ANTIMICROBIAL ACTIVITY**

with tolerance for hard water and organic soil load on acid-resistant, hard, nonporous, inanimate surfaces

TWO-WAY SURFACE DEODORIZING ACTION: Quickly counteracts "CHEMICAL" MALODORS such as tobacco smoke, urine, onion, and garlic in bathrooms and kitchens, and 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.

CLEANS, DE-SCALES, DISINFECTS, AND DEODORIZES IN NON-FOOD AREAS OF: Hospitals, Medical and Dental Facilities (offices, clinics, laboratories, and vehicles), Ambulances, Laboratories, Nursing Homes, Veterinary Facilities (offices, animal hospitals, and their equipment and vehicles), Food Processing and Handling Facilities (food processing plants, bottling plants, canneries, and bakeries), Public Buildings and Public Transportation, Schools (except preschools and day care facilities), Hotels & Motels, Stores, Restaurants & Cafeterias, Factories & Manufacturing Plants, Warehouses, Vehicles, and other similar areas

"USED ON" SURFACES & ITEMS

SAFE FOR USE ON Most porcelain, glass, and ceramic surfaces, and on acid-resistant polymers, such as polyethylene (PE, P/E; LDPE; HDPE; XLPE), polypropylene (PP, P/P), polyallomer (PA), polymethylpentene (PMP), polyvinyl chloride (PVC), chlorinated polyvinyl chloride (CPVC), polyvinylidene fluoride (PVDF), polytetrafluoroethylene (TFE), ethylenetetrafluoroethylene (ETFE), fluorinated ethylene polypropylene (FEP), polyethylene terephthalate (PET), polystyrene, phenolic, epoxy, and acrylonitrile-butadiene-styrene (ABS), also acceptable for short-time contact on most rubber, stainless steel, brass, cast iron, and chrome-plated surfaces and on most moderately acid-resistant polymers, such as polycarbonate (PC), polysulfone (PSF), polymethyl methacrylate (PMMA; acrylic), polyoxymethylene (acetal), polyamide (nylon), and polyurethane. Because there are many variations and blends of plastics, elastomers, and metal alloys, always test the specific surfaces and materials for acid resistance before using this product on them.

EXCELLENT FOR CLEANING AND DECONTAMINATING: Acid-resistant, non-food surfaces on • Toilets • Toilet Seats • Urinals • Bathtubs • Shower stalls • Bathroom fixtures • Drinking Fountains • Sterilizers • Ceramic Tile Walls & Floors • Indoor Swimming Pools • Other tiled surfaces • Wash basins • Sinks • Counter tops • Brass railings, door knobs, and trim • Partitions • Walls • Baseboards • Floors • many other similar surfaces in public areas which could harbor and transmit dangerous microorganisms.

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 (MEDICAL and NONFOOD). The following general use patterns are NOT claimed, either because they are not consistent with the product usage and proposed labeling, or because at least one of the actives is not expected to be supported for that use: Indoor (residential/domestic and 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 (food/feed crop and nonfood crop).

CAN BE USED IN/ON SITES SUCH AS THE FOLLOWING, ON ACID-RESISTANT SURFACES WHICH DO NOT CONTACT FOODS/DRINKS/FEEDS AND TO WHICH HUMANS AND ANIMALS WOULD HAVE ONLY LIMITED OR INCIDENTAL CONTACT ...

Processed or Manufactured Products-

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

Domestic Animal- on their man-made premises only (not for use on animals)-

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

Noncrop, Wide Area, and General Indoor/Outdoor Treatments-

Wide area and general indoor treatments (indoor) Public buildings and structures

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 only) 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 mills, 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/drink/feed contact surfaces only) Food handling areas, food serving areas, eating establishment nonfood areas, food storage equipment (coolers, refrigerators, etc.)

Food marketing, storage, and distribution (indoor; non-food/drink/feed contact surfaces only): 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 (such as burn wards, etc.); hospital patient premises (wards, emergency rooms, etc.); non-critical premises (labs, lounges, lobbies, and storage); and noncritical items (such as bedpans, 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 and 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 (except preschool, day care, and nursery); office buildings; and laundries.

Miscellaneous Indoor Uses-

Surface treatments (Indoor): Hard nonporous surfaces (painted, tile, plastic, metal, glass, etc.); camping equipment and gear.

1091	Made in U S A	89772
1091	Made in U S A	89672

