EcaFlo® Anolyte
Aqueous Solution of Sodium Chloride

EcaFlo® solutions:

- are disinfecting solutions,
- are cost effective solutions to produce,
- are produced in a single stage process by a simple electrolytic cell,
- can be produced for use in medical, institutional, industrial and commercial applications,
- can be produced with a controlled pH and concentration of Free Available Chlorine (FAC), and
- are produced with low energy costs from water and salt.

ACTIVE INGREDIENT:
Hypochlorous Acid 0.046%
OTHER INGREDIENTS: 99.954%
TOTAL: 100.000%

Contains 500 ppm Free Available Chlorine (FAC)

KEEP OUT OF REACH OF CHILDREN
CAUTION

Manufactured by:
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EPA Reg# 82341-1

EPA Est# 82341-SC-1

EcaFlo® Anolyte must be used within 30 days after being produced. **DATE PRODUCED:** _____

EcaFlo® Anolyte is an activated aqueous solution of sodium chloride produced by passing weak salt brine through an electrolytic cell and temporarily changing the properties of the salt water into a powerful oxidizing agent exhibiting antimicrobial properties. **EcaFlo® Anolyte** is produced at a near neutral 6.5 pH where the predominant antimicrobial agent is hypochlorous acid, an efficient and efficacious specie of chlorine. Hypochlorous acid kills bacteria.

The properties of **EcaFlo® Anolyte** can be precisely controlled by manipulating power to the electrolytic cell, brine flow rate through the cell and the conductivity of the brine in the cell. Anolyte can be applied as a liquid or spray.

EcaFlo® Anolyte freezes at 32° F and boils at 212° F. Anolyte is a colorless, aqueous solution, with a slight chlorine or ozone odor. After production, **EcaFlo® Anolyte** must be stored in a closed, plastic container in a cool, dark area away from direct sunlight. Anolyte is intended to be used soon after being produced. The Anolyte product must be used within 30 days of production.

DIRECTIONS FOR USE

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

OIL AND GAS APPLICATIONS

Frac Water – For typical water treatment, mix 5 US gallons of EcaFlo® Anolyte with 995 US gallons of frac water to 2.5 ppm FAC to mitigate and retard the growth of non-public health microorganisms such as anaerobic bacteria, aerobic bacteria and sulfate reducing bacteria to protect fracturing fluids, polymers and gels.

Sour Wells - For typical well treatment, slug dose 168 US gallons at 500 ppm FAC of EcaFlo® Anolyte into the well bore on a daily or weekly basis to control unwanted non-public health microorganisms, reduce hydrogen sulfide gas and restore well integrity.

Produced Waters - For typical produced water treatment, mix 21 US gallons of EcaFlo® Anolyte with 979 US gallons of produced water to 10.5 ppm FAC to retard the growth of non-public health microorganisms.

Heater Treaters, Hydrocarbon Storage Facilities & Gas Storage Wells – For typical storage facility treatment, mix 126 gallons of EcaFlo® Anolyte at 500 ppm FAC into the water phase of the mixed hydrocarbon/water system to retard the growth of non-public health microorganisms, control the formation of hydrogen sulfide and reduce corrosion of the storage tanks.

Water Flood Injection Water - For typical water flood injection water treatment, mix 21 US gallons of EcaFlo® Anolyte with 979 US gallons of injection water to 10.5 ppm FAC to retard the growth of non-public health microorganisms and control slime in pipelines.

Oil and Gas Transmission Lines - For typical transmission line treatment, slug dose 420 US gallons at 500 ppm FAC of EcaFlo® Anolyte into the transmission line on a daily or weekly basis to control unwanted non-public health microorganisms, such as SRB's, reduce microbiologically influenced corrosion (MIC) and remove the slime and associated sessile bacteria which can degrade pipeline integrity.

DISINFECTION APPLICATIONS

Hard, Non-Porous Surface Disinfection

To *[Clean and]* Disinfect *[and Deodorize]* Hard, Non-Porous Surfaces: For heavily soiled areas, a preliminary cleaning is required. Apply *[Wipe, Spray or Dip]* EcaFlo® Anolyte at 500 ppm FAC to hard, non-porous surfaces with a cloth, wipe, mop or sponge. Treated surfaces must remain wet for 10 minutes. Allow surfaces to air dry. Food contact surfaces such as counters and tables must be rinsed with potable water. Do not use on utensils, glasses or dishes.

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, 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 pre-clean or decontaminate critical or semi-critical devices prior to sterilization or high-level disinfection.

Pathogen	Contact Time
Salmonella enterica ATCC 10708	10 minutes
Pseudomonas aeruginosa ATCC 15442	10 minutes
Staphylococcus aureus ATCC 6538	10 minutes
Staphylococcus aureus MRSA ATCC 33591	10 minutes
Swine Influenza virus H1N1 ATCC VR-99	10 minutes

Claims:

+ Broad spectrum disinfectant
+ One step cleaner/disinfectant
+ Aids in the reduction of cross-contamination between treated surfaces
+ Assures proper strength, product effectiveness and standardizes technique
+ Formulated for bacteria fighting
+ Bactericide – or – Bactericidal
+ Bathroom disinfectant
+ Kitchen disinfectant
+ Nursery disinfectant
+ Athletic facility disinfectant
+ Cleans and disinfects (insert use site(s) from tables 1-5)
+ Cleans and disinfects hard, non-porous surfaces
+ Cleans, deodorizes and disinfects
+ Deodorizes by killing the germs that cause odors
+ Disinfecting formula
+ Disinfects and deodorizes by killing bacteria and their odors
+ Disinfects hard, non-porous surfaces (throughout the (insert use site(s) from tables 1-5)
+ Easy and convenient disinfecting (throughout the (insert the use site(s) from tables 1-5)
+ Easy one-step cleaning and disinfecting
+ Effective against – or – Kills (insert any organism(s) from table above)
+ Effective against – or – Kills a wide range of bacteria including Staphylococcus aureus MRSA, Salmonella enterica, Pseudomonas aeruginosa
+ Effectively disinfects hard, non-porous, environmental surfaces
+ Eliminates odors at their source; bacteria
+ Eliminates - or – Reduces odors caused by bacteria
+ Fight(s) – and/or - Kill(s) – and/or – Effective against Salmonella enterica
+ Fight(s) – and/or - Kill(s) – and/or – Effective against Staphylococcus aureus MRSA
+ Fight(s) – and/or - Kill(s) – and/or – Effective against Pseudomonas aeruginosa
+ Fight(s) – and/or – Stops – and/or – Prevent(s) cross-contamination between treated hard, non-porous surfaces (in your (list any use site))
+ Kills bacteria
+ Kills many common bacteria
+ Kills odor-causing bacteria
+ Kills – or – Effective against bacteria

+ Multi-purpose disinfectant
+ One-step cleaner and disinfectant
+ One-step disinfectant cleaner designed for general cleaning and disinfecting hard, non-porous environmental surfaces in health care facilities – or – (insert use site(s) from table 1)
+ Pseudomonocidal
+ Ready-to-use hospital disinfectant
+ Staphylocidal
+ The answer to your disinfecting needs
+ The quick – and/or – easy – and/or – convenient way to disinfect
+ This product controls cross-contamination between treated hard, non-porous surfaces
+ This product meets AOAC efficacy testing requirements – or – standards for hospital disinfection
+ Use in public – or – common places where bacteria may be of concern on hard, non-porous surfaces
+ Use where control of the hazards of cross-contamination between treated surfaces is of Prime importance
+ Kills – or – Effective against H1N1 Swine Influenza virus
+ Germicidal Spray

GENERAL CLAIMS

+ Convenient
+ Easy to handle
+ For general use
+ For use on bathroom surfaces
+ For use on nursery surfaces
+ For use in athletic facilities
+ Suitable for hospital use
+ For use on athletic equipment
+ Will not harm (insert surface material(s) from table 5)
+ Will not harm hard, non-porous inanimate environmental surfaces
+ Will not harm titanium-coated, medical grade stainless steel

TABLE ONE: Medical:

USE SITES
Ambulances – or – Emergency Medical Transport Vehicles
Anesthesia Rooms – or – Areas
Assisted Living – or – Full Care Nursing Homes
CAT Laboratories
Central Service Areas
Central Supply Rooms – or – Areas
Critical Care Units – or – CCUs
Dialysis Clinics
Emergency Rooms – or – ERs
Health Care Settings – or Facilities
Home Health Care Settings
Hospitals
Hospital Kitchens
Intensive Care Units – or – ICUs
Laboratories
Medical Clinics
Medical Facilities
Medical – or – Physician's – or - Doctor's Offices
Newborn – or – Neonatal Nurseries
Nursing – or – Nurses' Stations
Orthopedics
Outpatient Clinics
Patient Restrooms
Patient Rooms
Pediatric Examination Rooms – or – Areas
Pharmacies
Physical Therapy Rooms – or – Areas
Radiology – or – X-Ray Rooms – or – Areas
Surgery Rooms – or – Operating Rooms – or – ORs

SURFACES
bed pans

exam – or - examination tables
external surfaces of medical equipment – or – medical equipment surfaces
external surfaces of ultrasound transducers
gurneys
hard, non-porous environmental hospital – or – medical surfaces
hospital – or – patient bed railings – or – linings – or - frames
IV poles
Patient chairs
Plastic mattress covers
Reception counters – or – desks – or – areas
Stretchers
Wash basins
Wheelchairs

TABLE TWO: Dental:

USE SITES
Dental Operatories
Dental – or – Dentist's Offices

SURFACES
Dental countertops
Dental operatory surfaces
Dentist – or – dental chairs
Hard, non-porous environmental dental surfaces
Light lens covers
Reception counters – or – desks – or – areas

TABLE THREE: Veterinary:

Animal Premises: Remove all animals and feed from the premises, vehicles and enclosures. Remove all litter, droppings and manure from the floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap and/or detergent and rinse with water. Apply EcaFlo® Anolyte at 500 ppm FAC. Saturate surfaces with solution for 10 minutes. Immerse all halters, ropes and other types of equipment used in handling and restraining animals as well as forks, shovels and scrapers used for removing litter and manure. After application, ventilate buildings, coops and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before reuse.

USE SITES
Animal Housing Facilities
Animal Life Science Laboratories
Animal – or – Pet Grooming Facilities
Kennels
Livestock – and/or – Swine – and/or – Poultry Facilities

Pet Areas
Pet Shops – or – Stores
Small Animal Facilities
Veterinary Clinics – or – Facilities
Veterinary Offices
Veterinary – or – Animal Hospitals

SURFACES
Animal equipment automatic feeders
Cages
External surfaces of veterinary equipment
Feed racks
Fountains
Hard, non-porous environmental veterinary surfaces
Pens
Reception counters – or – desks – or – areas
Stalls
Troughs
Veterinary care surfaces
Watering appliances

TABLE FOUR: Food Service:

Food Processing and Service Establishments: Before using this product, food products and packaging materials must be removed from the area or carefully protected.

USE SITES (Food contact surfaces must be rinsed with potable water after application of disinfectant)
Bars
Cafeterias
Commercial – or – Institutional Kitchens
Delis
Fast Food Chains – or – Restaurants
Food Preparation and Processing Areas
Food Processing and Fabrication Areas
Food Service – or – Processing Establishments
Food Serving Areas
Other Food Service Establishments
Restaurants
School Kitchens

SURFACES (Food contact surfaces must be rinsed with potable water after application of disinfectant)
Surfaces where disinfection is required
Exterior surfaces of Appliances
Exterior surfaces of Dish racks
Drain boards
Exterior surfaces of Food Cases
Exterior surfaces of Food Trays

Exterior surfaces of Freezers
Hoods
Exterior surfaces of Microwaves
Outdoor furniture (excluding wood frames and upholstery)
Exterior surfaces of Ovens
Exterior surfaces of Refrigerators
Salad bar sneeze guards
Exterior surfaces of Stoves – or – Stovetops

TABLE FIVE: Miscellaneous/General:

USE SITES
Airplanes
Blood Banks
Boats
Bowling Alleys
Butcher Shops
Chillers
Churches
Colleges
Correctional Facilities
Cruise Lines
Day Care Centers
Dormitories
Factories
Funeral Homes
Grocery Stores
Gymnasiums – or – Gyms
Health Club Facilities
Hotels
Industrial Facilities
Laundromats
Laundry Rooms
Locker Rooms
Manufacturing Plants – or – Facilities
Military Installations
Motels
Pipelines associated with oil and gas production
Preschool Facilities
Public Areas
Recreational Centers – or – Facilities
Restrooms – or – Restroom Areas
School Buses
Schools
Shelters
Shower Rooms
Storage Rooms – or – Areas

Supermarkets
Trains
Universities
Wineries
Yachts

SURFACE
Bathroom fixtures
Bath tubs
Behind and under counters
Behind and under sinks
Booster chairs
Cabinets
Ceilings
Cell(ular) – or – wireless – or – mobile – or – digital phones
Chairs
Computer keyboards
Computer monitors
Counters – or – countertops
Cribs
Desks
Diaper – or – infant changing tables
Diaper pails
Dictating equipment surfaces
Doorknobs
Exterior – or – external toilet surfaces
Exterior – or – external urinal surfaces
Faucets
Floors
Garbage – or – trash cans
Grocery store – or – supermarket carts
Hampers
Hand railings
Headsets
Highchairs
Lamps
Linoleum
Other telecommunications equipment surfaces
Playpens
Shelves
Showers – or – shower stalls
Sinks
Stall doors
Tables
Telephones
Tiled walls
Toilet rims
Toilet seats
Towel dispensers

Toys
Vanity tops – or – vanities

SURFACE MATERIALS
Baked enamel
Chrome
Common hard, non-porous household – or – environmental surfaces
Formica
Glass
Glazed ceramic tile
Glazed porcelain
Laminated surfaces
Plastic laminate
Glazed porcelain enamel
Stainless steel
Synthetic marble
Vinyl tile
Similar hard, non-porous surfaces except those excluded by the label

Not Recommended For Use On – or – Avoid Contact With:
Aluminum
Brass
Chipped enamel
Clear plastic
Clothes
Copper
Fabrics
Gold
Natural marble
Painted surfaces
Paper surfaces
Natural rubber
Sealed granite
Silver
Unfinished wood
Wood

STORAGE AND DISPOSAL

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

Storage: Store in a closed dark plastic container away from direct sunlight. Store container in a cool dry area.

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

Container Disposal: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller. Cleaning the container before final disposal is the responsibility of the person disposing the container. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for two minutes. Dispose of rinsate as pesticide waste. Repeat this rinsing procedure two more times. Then offer for recycling if available, or

puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

FIRST AID
Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Information Center (NPIC) 1-800-858-7378 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals
CAUTION