SONACIDE®

STERILIZING AND DISINFECTING SOLUTION
Rapid acting and stable • Use undiluted

Recommended for sterilizing and disinfecting of rubber and plastic objects, lenses and stainless steel surgical and medical instruments

CAN BE USED IN ULTRASONIC CLEANERS

Active ingredients	
Glutaraldehyde (1,5 Pentanedial)	2
Inert ingredients*	98

*Contain Non ionic ethoxylates of isomeric linear alcohols $(CH_3)_2(CH_2)_{11}O(CH_2CH_2O)_nH$ with 11 < n < 15 as synergist & agents

WARNING: HARMFUL IF SWALLOWED

E.P.A. Registration No. 15136-1 See other precautions on back label
Net contents 1 U.S. gallon (128 Fl. Ozs.)

WAVE ENERGY SYSTEMS INC.
NEWTOWN, Pa. U.S.A.

ACCEPTED
JAN 24 1975
UNDER THE FEDERAL INSECTICIDE, FUNGICIDE AND RODENTICIDE ACT FOR REGISTRATION NO. 15136-1

SONACIDE

DIRECTIONS FOR USE PREPARATION FOR STERILIZATION OR DISINFECTION

Recommended for use in Hospitals, Dental and Medical Offices and Veterinary Hospitals. Instruments should be thoroughly cleansed, rinsed and drained before immersing in undiluted SONACIDE. Hollow objects and needles should be flushed and filled.

STERILIZATION Immerse objects to be sterilized in SONACIDE solution maintained at 60°C for **60 minutes.** Remove and rinse with sterile water. This is a complete sterilization procedure including the destruction of viruses and tubercule bacilli.

DISINFECTION Immerse objects in SONACIDE solution maintained at 60°C for **5 minutes** to destroy vegetative organisms including Pseudomonas species and pathogenic fungi.

Any standard thermostatically controlled heating bath may be used.

OR Immerse objects in the solution for **10 minutes** at room temperature to destroy vegetative organisms including Pseudomonas species and pathogenic fungi. *When used as directed this product will disinfect against Influenza A2 (Hong Kong) virus, Herpes Simplex virus, Newcastle Disease Virus, and Echo virus Type 25 on inanimate surfaces.** To destroy tubercule bacilli immerse objects for **20 minutes.** Instruments should be removed and rinsed. Where necessary store under sterile conditions.

PRECAUTIONS: For Professional Use Only.

WARNING: Causes eye irritation. In case of contact with the eye, flush well with water and seek medical aid. Avoid prolonged and repeated contact with skin as possibility of sensitization exists. Avoid contamination of food.

Use in covered containers to avoid evaporation and to minimize odor. For container disposal, rinse thoroughly with water and discard.

*Aqueous solutions of glutaraldehyde are inherently acidic and, generally, the pH lies between 2.7 to 3.9

Indications:

Availability:

Wave Energy Systems Inc.
Newtown Commons
Newtown, Pa. 18940
(215) 968-3833

No
Postage Stamp
Necessary
If Mailed in the
United States

Postage will be paid by Addressee

WAVE ENERGY SYSTEMS INC.
NEWTOWN COMMONS
NEWTOWN, PA 18940

☐ Please send me more information about Sonacide

☐ Please have a Wave Energy Systems representative call on me.

Name _____

Position _____

Company _____

Address _____

City _____ State _____ Zip Code _____

Phone _____

Directions for Use: [illegible]

Sterilization: [illegible]

Disinfection: [illegible]

[illegible]

SONACIDE

[illegible]
[illegible] 10 [illegible]

Can be used at room temperature, with medium heat, and even in autoclaves. Can **withstand** be used in **ultrasonic irradiation.** ultrasonic cleaners.

Leaves a smaller residue than buffered alkaline solutions.

[illegible] M. tuberculosis in 20 minutes at room temperature.

[illegible] for [illegible] can be practically used and reused 4 **to 5** weeks in open container at room temperature or in closed container at elevated temperature.

Does not affect plastic, the sharpness of cutting instruments, or the markings on thermometers.

Does not coagulate blood.

The Story of Sonacide

[illegible]

[illegible] when adding ultrasonics as a synergistic agent.

[illegible]

A HIGH SPEED

~~THE FASTEST~~ ~~AVAILABLE TODAY~~

SONACIDE

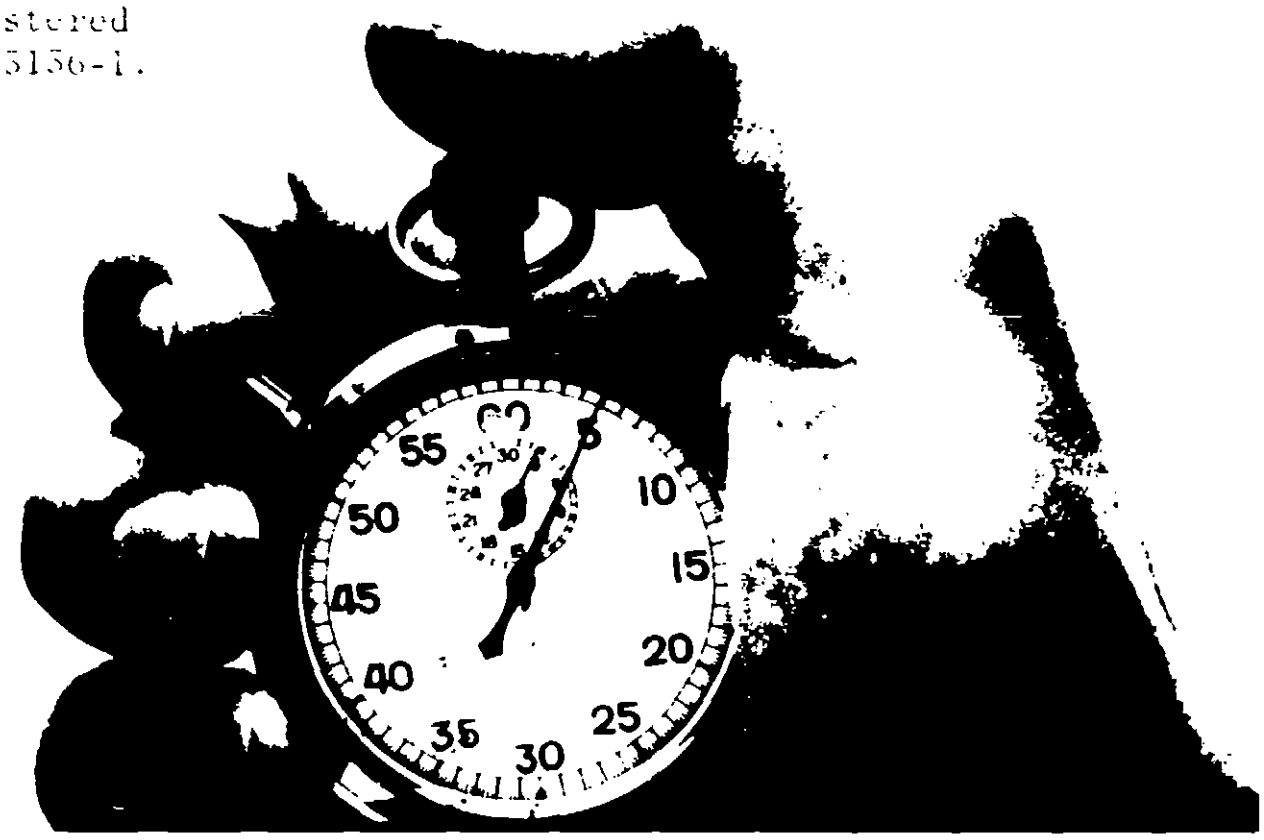
Kills all microorganisms, including vacuum-dried spores, ~~10 times faster than any other sterilizing solution registered at the Environmental Protection Agency.~~

in 60 minutes. This is a complete sterilization procedure including the destruction of viruses and tubercle bacilli.

Provides complete disinfection, ~~according to the latest Environmental Protection Agency requirements.~~

this product is registered under EPA Reg. No. 13156-1.

Bactericidal action assures death of highly resistant Pseudomonas strains . . . kills pathogenic fungi and viruses.*



Kills all microorganisms, including vacuum dried spores, ~~10 times faster than any other sterilizing solution registered at the Environmental Protection Agency.~~

in 60 minutes. This is a complete sterilization procedure including the destruction of viruses and tubercle bacilli.

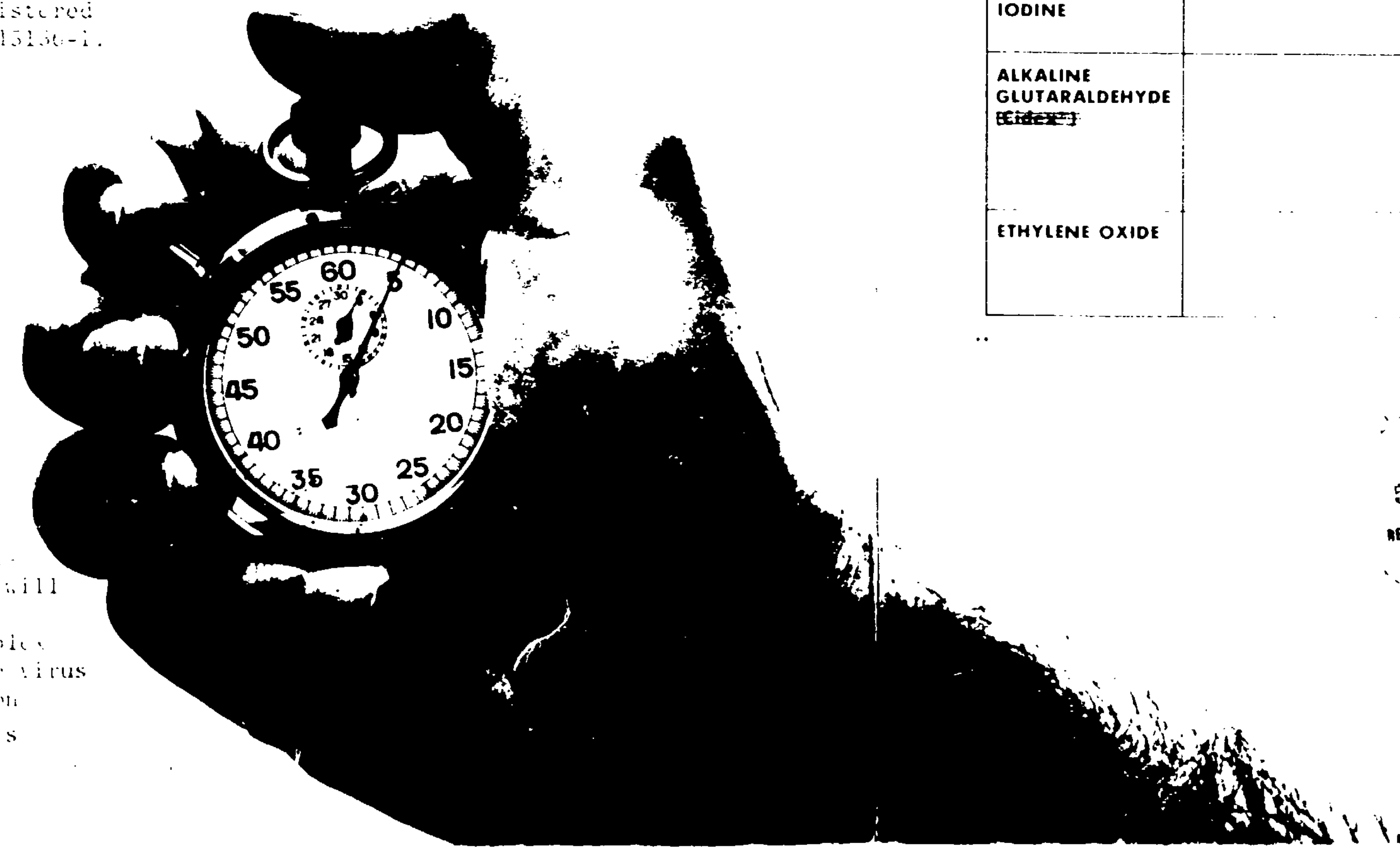
The first new sterilizing solution in over a decade

Sets new standards in speed, ~~safety~~, stability and biocidal capability

...vides complete
...nfection, ~~according to latest Environmental ...ection Agency ...irements.~~

...product is registered
...r EPA Reg. No. 15136-1.

Bactericidal action assures death of highly resistant Pseudomonas strains ... kills pathogenic fungi and viruses.*



...l as a disinfect-
...oor temperature will
...luenza A₂ Hong
...rus, Herpes simplex
...ewcastle Disease virus
...virus in 25 on
...e surface. It is

COMPARES WITH OTHERS

STERILIZING AGENT	HOW USED	TEMP.	TIME FOR STERILIZATION	Main Limitations of today's sterilizing methods
SONACIDE				vapour could be agressive when heated above 37°C.
STEAM				cannot sterilize heat sensitive materials
FORMALDEHYDE				long exposure time ~~([illegible] hours)~~ for sporicidal action, aggressive vapour, pungent odor and corrosive.
IODINE				poor sporicidal activity, appreciable inactivation by organic matter.
ALKALINE GLUTARALDEHYDE ~~(Cidex)~~				requires premixing, not stable in presence of heat or ultrasonics, short life after mixing, leaves an alkaline salt residue.
ETHYLENE OXIDE				explosive gas, aggressive chemical, needs long dearation time after processing, cannot be reused (one time use).

Industrial Applications

For inquiry, contact:
Wave Energy Systems Inc.
Newtown Commons
Newtown, Pa. 18940
(215) 968-3833