

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
AND DOMESTIC ANIMALS**

DANGER: Corrosive, may cause severe skin irritation or chemical burns to broken skin. Causes eye damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling this product. Wash after handling. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until odors have dissipated.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Keep out of lakes, streams or ponds. Treated effluent may not be discharged into lakes, streams, ponds or public waters without a valid discharge permit. For guidance, contact the regional office of the Environmental Protection Agency.

PHYSICAL AND CHEMICAL HAZARDS:

STRONG OXIDIZING AGENT: Mix only with water according to label directions. Mixing this product with gross filth such as feces, urine, etc., or with ammonia, acids, detergents or other chemicals may release hazardous gases irritating to eyes, lungs and mucous membranes.

manufactured by

**ENERGY MIZER SYSTEMS OF
S.W. FLORIDA
1223 Periwinkle Way
Sanibel, FL 33597**

EPA REG. NO. 47122-2 EPA EST. NO.:

NET CONTENTS:

ACCEPTED

47122-2
SEP 16 1982

Un
Fun
as a
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EPA

**EMS 2000
SANITIZER**

**"FOR SWIMMING POOL CHLORINATION
AND SANITIZING."**

ACTIVE INGREDIENT 9.2%
SODIUM HYPOCHLORITE
INERT INGREDIENTS 90.8%

**KEEP OUT OF REACH OF CHILDREN
DANGER**

FIRST AID: If on skin, wash with plenty of soap and water. If in eyes, flush with water for at least 15 minutes. Get medical attention. If swallowed, drink large quantities of milk, or gelatin solution or, if these are not available, drink large quantities of water. Do NOT give vinegar or other acids. Do NOT induce vomiting. Get prompt medical attention.

See additional precautions on side panel.

**DIRECTIONS FOR USE
GENERAL CLASSIFICATION**

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING

DIRECTIONS FOR SWIMMING POOL CHLORINATION

For a new pool or for spring start-up, superchlorinate with one (1) pint of this sodium hypochlorite solution for each 2500 gallons of water. This is equivalent to 5 ppm available chlorine by weight.

For Pool Maintenance:

- A) Adjust pool water pH to 7.6 - 7.2 range and maintain.
B) Add manually or by a feeder device this sodium hypochlorite solution to maintain an available chlorine residual of 0.6 to 1.0 ppm. One half pint of this sodium hypochlorite solution for each 6000 gallons of water. 1.0 ppm available chlorine by weight. Frequency of additions to maintain 1.0 ppm available chlorine will depend upon temperature and number. Use test kit to make certain the pH and chlorine residual are in the 1.

**DIRECTIONS FOR DISINFECTION OF POTABLE WATER
FOR HOME WELL WATER SYSTEMS**

Dilute this sodium hypochlorite solution in the ratio of one part sodium solution to 9 parts softened water. Mix sodium hypochlorite solution thoroughly and begin feeding of solution with a hypochlorinator (metering tank) a free available chlorine residual of at least 0.2 ppm and no more throughout the distribution system, as determined by a DPD chlorine residual sampling must be conducted at a frequency no less than that of the National Interim Primary Drinking Water Regulations. Check with a DPD chlorine test kit.

Contact your local Health Department for further details.

DIRECTIONS FOR SANITIZING FOOD PROCESSING EQUIPMENT

Clean equipment in the normal manner. Just before using, rinse all surfaces with this sodium hypochlorite solution containing 200 ppm available chlorine. Contact with disinfectant for a minimum of two minutes. Do not rinse after treatment with sodium hypochlorite solution. Do not soak overnight. One fluid oz. (2 lbs) of this sodium hypochlorite solution per 4 gallons provide approximately 200 ppm available chlorine by weight.

NOTE: This product degrades with age. Use a chlorine test kit and, if necessary, to obtain the required level of available chlorine.

STORAGE AND DISPOSAL:

Store in cool, dry place, away from direct sunlight. In case of spill, flood area with large quantities of water and either return to manufacturer or place in trash collection or burying in an approved landfill. Product cannot be used, should be diluted with water and disposed of in a way that does not contaminate food or feed by storage, disposal or cleaning of equipment.

**CAUTIONARY STATEMENTS
HAZARDS TO HUMANS
AND DOMESTIC ANIMALS**

DANGER: Corrosive, may cause severe skin irritation, chemical burns to broken skin. Causes eye damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling this product. Wash thoroughly. Avoid breathing vapors. Vacate poorly ventilated area as soon as possible. Do not return until odors have dissipated.

ENVIRONMENTAL HAZARDS: This pesticide is highly toxic to fish. Keep out of lakes, streams or ponds. Treated effluent should not be discharged into lakes, streams, ponds or public waterways without a valid discharge permit. For guidance, contact the regional office of the Environmental Protection Agency.

PHYSICAL AND CHEMICAL HAZARDS: None known.

TOXICITY: A strong oxidizing agent. Mix only with water according to label directions. Mixing this product with other chemicals such as feces, urine, etc., or with ammonia, acids, or other chemicals may release hazardous gases from eyes, lungs and mucous membranes.

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See additional precautions on side panel

**DIRECTIONS FOR USE
GENERAL CLASSIFICATION**

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT
IN A MANNER INCONSISTENT WITH ITS LABELING

DIRECTIONS FOR SWIMMING POOL CHLORINATION

For a new pool or for spring start up, superchlorinate with one (1) pint (16 fl. oz.) of this sodium hypochlorite solution for each 2500 gallons of water. This dosage is equivalent to 5 ppm available chlorine by weight.

For Pool Maintenance:
A) Adjust pool water pH to 7.6 - 7.2 range and maintain.
B) Add manually or by a feeder device this sodium hypochlorite solution at a rate to maintain an available chlorine residual of 0.6 to 1.0 ppm. One-half pint (8 fl. oz.) of this sodium hypochlorite solution for each 6000 gallons of water will provide 1.0 ppm available chlorine by weight. Frequency of additions to maintain 0.6 to 1.0 ppm available chlorine will depend upon temperature and number of swimmers. Use test kit to make certain the pH and chlorine residual are in the proper range.

**DIRECTIONS FOR DISINFECTION OF POTABLE WATER
FOR HOME WELL WATER SYSTEMS**

Dilute this sodium hypochlorite solution in the ratio of one part sodium hypochlorite solution to 9 parts softened water. Mix sodium hypochlorite solution and water thoroughly and begin feeding of solution with a hypochlorinator (metering pump). Maintain a free available chlorine residual of at least 0.2 ppm and no more than 0.6 ppm throughout the distribution system, as determined by a DPD chlorine test kit. Bacteriological sampling must be conducted at a frequency no less than that prescribed by the National Interim Primary Drinking Water Regulations. Check water frequently with a DPD chlorine test kit.

Contact your local Health Department for further details.

DIRECTIONS FOR SANITIZING FOOD PROCESSING OR DAIRY EQUIPMENT

Clean equipment in the normal manner. Just before using, rinse all surfaces thoroughly with this sodium hypochlorite solution containing 200 ppm available chlorine. Maintain contact with disinfectant for a minimum of two minutes. Do not rinse with water after treatment with sodium hypochlorite solution. Do not soak overnight. Addition of one fluid oz. (2 tbsp.) of this sodium hypochlorite solution per 4 gallons of water will provide approximately 200 ppm available chlorine by weight.

NOTE: This product degrades with age. Use a chlorine test kit and increase dosage as necessary to obtain the required level of available chlorine.

STORAGE AND DISPOSAL: Store in a cool, dry area away from direct sunlight. In case of spill, flood area with large quantities of water. Rinse empty container thoroughly with water and either return to manufacturer or discard by placing in trash collection or burying in an approved landfill. Product or rinseate that cannot be used should be diluted with water and disposed of in a sanitary sewer. Do not contaminate food or feed by storage, disposal or cleaning of equipment.