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this product by this Agency. In order to protect me suspend or cancel the registration of a pest- n with the registration of a product under this of the name or to its use if it has been covered
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or registration/ RA section 3(c)(5) when imilar products to submit es required for RA section 4.
on No. 278-64" to your shipment.
final printed labeling ent. Refer to the A-79 inal printed labeling.
d with, the registration dance with FIFRA sec. product constitutes
DATE

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A stamped copy of the label is enclosed for your records.

Sincerely,

Ruth G. Douglas Product Manager (32) Antimicrobial Program Branch Registration Division (H-7504C)

Enclosures

ţ



# INDUSTRIAL CLOR SODIUM HYPOCHLORITE

#### **NET CONTENTS • 1 GALLON**

Keep out of reach of children.

DANGER: See additional precautions on this label.

ICTIVE INGREDIENTS: Sodium Hypochlorite	•	•		٠		٠								٠	· 12.5%	
NERT INGREDIENTS:		•	•		•	•	•	•	•	•	•	•	•	•	. 81.5%	1
															100 05	

FIRST AID: If on skin, wash with plenty of soap and water, If in eyes, flush with water for at least 15 ', s. Get medical attention. If swallowed, drink large quantities of water. Do NOT give vinegar or cids. Do NOT induce vomiting. Get prompt medical attention.

A constant free chlorine residual of 1,0 to 3.0 ppm must be maintained in a commercial swimming pool or spa at all times in order to insure that the water is clean, clear, and safe. Furthermore, occasional superchlorination may be needed to oxidize contaminants not eliminated by normal chlorine levels. SANYGEN INDUSTRIAL CLOR is effective for regular chlorination as well as for superchlorination when used as directed.

DIRECTIONS FOR USE: It is a violation of federal law to use this product in a manner inconsistent with its labeling.

FOR REGULAR CHLORINATION: SANYGEN INDUSTRIAL CLOR should be added with a mechanical feeder to maintain a free chlorine residual of at least *I-oppm* throughout the pool or spa. An outdoor commercial pool will require approximately one gailon of SANYGEN INDUSTRIAL CLOR per 12.5000 gallons per day in order to maintain a proper chlorine residual. Because sunlight lowers the chlorine residual, the amount of chlorine required will vary in relation to the intensity of the sunlight upon the pool water.

FOR SUPERCHLORINATION: Occasionally, additional chlorine must be added to pool or spa water to keep it clear and odor free. SANYGEN INDUSTRIAL CLOR can be used for this "superchlorination." To rid pool water of the pasty green tint caused by algae growth, first adjust the pH of the water to between 7.4 and 7.6, then superchlorinate the pool with one gallon of SANYGEN INDUSTRIAL CLOR per 12,500 gallons of pool water. Caution: A *clear* green tint in pool water, particularly after the addition of fresh water, may be caused by dissolved iron. In this case, the pool should not be superchlorinated as doing so may create stains on the pool walls and floors.

To eliminate slimy green of black algae growths form the pool walls and floor, first adjust the pH of the water to between 7.4 and 7.6, then add one gallon of SANYGEN INDUSTRIAL CLOR per 6,000 gallons of pool water and brush the affected areas with a stiff brush. Do not allow bathers to use the pool again until the chlorine residual is between 1.0 and 3.0 ppm.

To eliminate the chlorine odor from pool water, first adjust the circulation so that all the water in the pool is moved through the filter at least once every eight hours and adjust the pH to between 7.4 and 7.6, then add one gallon of SKNYGEN INDUSTRIAL CLOR per 12,500 gallons of pool water. Wait until the chlorine residual is between 7.0 to 3.0 ppm before allowing swimmers to use the pool again.

To eliminate the chlorine odor from spa water, first adjust the pH of the water to between 7.4 and 7.6, then add one liquid ounce of SANYGEN INDUSTRIAL CLOR per 100 gallons of spa water. Do not allow use of the spa again until the chlorine residual is between f o and 3.0 ppm. If the odor persists, it may be necessary to lower the total dissolved solids level by draining the spa and refilling with fresh water. High chlorine levels can be lowered with SANYGEN CHLORINE NEUTRALIZER.

DOSAGE CHART	regular chlori	nation (gal/day)	superchlorination
gallonage	indoor pool	outdoor pool	3/4
25,000	1/2 - 1	2	2-4
50,000	1 - 2	4	4 - 8
75,000	1 1/2 - 1	6	6 - 12
100,000	2 - 4	8	8 - 16
150,000	3 - 6	12	12 - 24
200,000	4 - 8	16	16 - 32

CHLORINATED WATER DISPOSAL: At the end of the swimming pool season or when water is to be drained from pool, chlorine must be allowed to dissipate from treated pool water before discharge. Use a chlorine test set to determine same.

CALCULATING POOL GALLONAGE: To calculate pool gallonage multiply the total cubic feet of pool water times 7.5. To determine the total cubic feet of water in a square or rectangular pool, multiply the pool length by width by average depth; for a circular of eliptical pool, multiply the length by the width by the average depth by 0.8.

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 this product in a cool dry area, away from direct sunlight and heat to avoid deterioration. In case of spill, flood areas with large quantities of water. Product or rinsates that cannot be used should be diluted with water before disposal in a sanitary sewer. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

## 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 rubber gloves and goggles or face shield when handling this product. Wash after handling. Avoid breathing vapors. Vacate poorty ventilated areas as soon as possible. Do not return until odors have dissipated.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board of Regional Office of the EPA.

NOTICE: APPLY THIS PRODUCT ONLY AS SPECIFIED ON THIS ) ABFL Yuryer assumes all risk of use of this product used contrary to directions.

O NOT MIX WITH ACIDS or other chemicals.





# **INDUSTRIAL CLOR SODIUM HYPOCHLORITE**

## **NET CONTENTS • 1 GALLON**

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DANGER: See additional precautions on this label.

CTIVE INGREDIENTS: Sodium Hypochlorite	•				•										12.5%
NERT INGREDIENTS:		٠	٠	•	•	•	•	•	•	•	•	•	•		87.5%
															100.0%

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 water. Do NOT give vinegar or other acids. Bo NOT induce vomiting. Get prompt medical attention.

A constant free chlorine residual of 1.0 to 3.0 ppm must be maintained in a commercial swimming pool or spa at all times in order to insure that the water is clean, clear, and safe. Furthermore, occasional superchlorination may be needed to exidize contaminants not eliminated by normal chlorine levels. SANYGEN INDUSTRIAL CLOR is effective for regular chlorination as well as for superchlorination when used as directed.

DIRECTIONS FOR USE: It is a violation of federal law to use this product in a manner inconsistent with its labeling.

FOR REGULAR CHLORINATION: SANYGEN INDUSTRIAL CLOR should be added with a mechanical feeder to maintain a free chlorine residual of at least # Appm throughout the pool or spa. An outdoor commercial pool will require approximately one gallon of SANYGEN INDUSTRIAL CLOR per 12,5000 gallons per day in order to maintain a proper chlorine residual. Because sunlight lowers the chiorine residual, the amount of chlorine required will vary in relation to the intensity of the sunlight upon the pool water.

Chlorine demand is also affected by bather load and pool circulation and filtration characteristics: 50.000 gallons of pool water per day in order to maintain a proper chlorine residual. Generally, sunlight affected most by bather load and pool circulation and filtration characteristics.

FOR SUPERCHLORINATION: Occasionally, additional chlorine must be added to pool or spa water to keep it clear and odor free. SANY GEN INDUSTRIAL CLOR can be used for this "superchlorination." To rid pool water of the pasty green tint caused by algae growth, first adjust the pH of the water to between 7.4 and 7.6, then superchlorinate the pool with one gallon of SANYGEN INDUSTRIAL CLOR per 12,500 gallons of pool water. Caution: A clear green tint in pool water, particularly after the addition of fresh water, may be caused by dissolved iron. In this case, the pool should not be superchlorinated as doing so may create stains on the pool walls and floors.

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#### NOCIOL CUID

pool	् regular chlori	nation (gal/day)	superchlorination 4/7/
gallonage	,door pool	outdoor pool	<u>'{7</u>
25,000	1/2 - 1	2	2-4
50,000	1 - 2	4	4 - 8
75,000	11/2-1	6	6 - 12
100,000	2 - 4	8	8 - 16
150,000	3 - 6	12	12 - 24
200,000	4 - 8	16	16 - 32

CHLORINATED WATER DISPOSAL: At the end of the swimming pool season or when water is to be drained from pool, chlorine must be allowed to dissipate from treated pool water before discharge. Use a chlorine test set to determine same.

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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 this product in a cool dry area, away from direct sunlight and heat to avoid deterioration. In case of spiil, flood areas with large quantities of water. Product or rinsates that cannot be used should be diluted with water before disposal in a sanitary sewer. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

## **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 rubber gloves and goggles or face shield 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 and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment state authority. For guidance contact your State Water Board of Regional Office of the EPA.

NOTICE: APPLY THIS PRODUCT ONLY AS SPECIFIED ON THIS LABEL. Eaver assumes all risk of use

