



lo temp sanitizer

Product Properties

COLOR: Clear Yellow
ODOR: Chlorine
VISCOSITY: Thin
pH: 13
SPECIFIC GRAVITY: 1.173
SOLUBILITY IN WATER: Complete
ACTIVE INGREDIENT: Sodium Hypochlorite

EPA REGISTERED

NOTE: NOT ALL DISINFECTANT AND SANITIZER PRODUCTS ARE AVAILABLE IN ALL STATES.
HACCP COMPLIANT NO-RINSE FOOD CONTACT SURFACE SANITIZER

DIRECTIONS FOR USE

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

IMPORTANT! ALL SANITIZING APPLICATIONS

FOR ALL FOOD CONTACT SURFACES AND OBJECTS - Remove food particles by flushing, scraping and, when necessary, soaking. Wash thoroughly with a good detergent or compatible cleaner and rinse with potable water before application of SODIUM HYPOCHLORITE solution. Wet all surfaces thoroughly with lo temp sanitizer solution by immersion flooding or spraying. Contact time must be at least 2 minutes. Drain solution and air dry. Do not wash with potable water after sanitizing. lo temp sanitizer solutions must not be re-used for sanitizing purposes. Prepare a fresh solution daily if the old solution becomes diluted or soiled.

SANITIZATION OF NONPOROUS FOOD CONTACT SURFACES

Rinse Method A solution of 100 ppm available chlorine may be used in the sanitizing solution if a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to ensure that the available chlorine does not drop below 50 ppm. Prepare a 100 ppm sanitizing solution by thoroughly mixing required quantity of this product with 10 gallons of water. If no test kit is available, prepare a sanitizing solution to provide approximately 200 ppm available chlorine by weight. Clean equipment surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for at least 2 minutes. If solution contains less than 50 ppm available chlorine as determined by a suitable test kit, either discard the solution or add sufficient product to reestablish a 200 ppm residual. Do not rinse equipment with water after treatment and do not soak equipment overnight. Sanitizers used in automated systems may be used for general cleaning but may not be reused for sanitizing purposes. **Immersion Method** A solution of 100 ppm available chlorine may be used in the sanitizing solution if a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to ensure that the available chlorine does not drop below 50 ppm. If no test kit is available, prepare a sanitizing solution to provide approximately 200 ppm available chlorine by weight. Clean equipment in the normal manner. Prior to use, immerse equipment in the sanitizing solution for at least 2 minutes and allow the sanitizer to drain. If solution contains less than 50 ppm available chlorine, as determined by a suitable test kit, either discard the solution or add sufficient product to reestablish a 200 ppm residual. Do not rinse equipment with water after treatment. Sanitizers used in automatic systems may be used for general cleaning but may not be reused for sanitizing purposes.

SANITIZING AGENT FOR DINNERWARE AND UTENSILS

This product can be used as a sanitizing rinse of PRE-CLEANED, hand washed or machine washed dinnerware and food utensils at restaurants, hotels, and resorts. A solution of 100 ppm available chlorine may be used if a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to ensure that the available chlorine does not drop below 100 ppm. If no test kit is available, prepare a sanitizing solution to provide approximately 200 ppm available chlorine by weight. For hand dishwashing, exposure to solution must be at least 1 minute or as required by local or state health departments. For machine washing, exposure time must be at least 2 minutes or a contact time specified by governing sanitary code. Check with your Health Department as requirements vary. This product may be used as a bleaching and destaining agent in commercial dishwashing machines. Do not use this product as a final rinse on silver or silver plate as severe tarnishing will occur.

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 safety glasses, goggles or face shield and rubber gloves (PVC or Nitrile) when handling this product. Wash with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until odors have dissipated. **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 will release hazardous gases irritating to eyes, lungs and mucous membranes.

FIRST AID

IF IN EYES: • Hold eye open and rinse slowly and gently with water for 15-20 minutes • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.

IF SWALLOWED: • Call poison control center or doctor immediately for treatment or advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

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REFER TO PRODUCT LABEL AND SDS
FOR ADDITIONAL INFORMATION

Safety Data Sheet


Section 1 - Product Information

Product Name: lo temp sanitizer		Supplier: Intercon Chemical Company
Product Code Number: 0204	Information Phone: 1-314-771-6600	Address: 1100 Central Industrial Drive St. Louis, MO 63110
Product use: Food Service Sanitizer	Emergency Contact: CHEMTREC 1-800-424-9300	

Section 2 - Hazard Identification

OSHA -GHS Classification: Corrosive Category 1C, Corrosive(eye) Category 1, Acute Aquatic Toxicity Category 1, Chronic Aquatic Toxicity Category 1

Section 2.1 - Label Elements

Hazard Pictograms 		Precautionary Statements: Wear protective gloves and eye protection. Wash thoroughly after handling. Do not breathe mist or dust. Avoid release to the environment. Collect spillage. IF ON SKIN(or hair): Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contacts if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth, Do NOT induce vomiting. IF INHALED: Remove to fresh air and keep at rest position comfortable for breathing. Immediately call a POISON CENTER or physician.
Signal Word: Danger		
Hazard Statements: Causes severe skin burns and serious eye damage. Maybe corrosive to metal. May cause respiratory irritation. Very toxic to aquatic life with long lasting effects.		

Section 3 - Composition

Chemical Name	CAS #	Percent w/w
Sodium Hypochlorite	7681-52-9	6-11
Sodium Chloride	7647-14-5	5-13
Sodium Hydroxide	1310-73-2	0.2-4.0

Section 4 - First Aid Measures

If exposed or if you feel unwell: Call a Poison Center or doctor. Show safety data sheet to the doctor in attendance. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of skin contact, remove contaminated clothing and rinse skin with plenty of water for at least 15 minutes or until slippery feeling disappears. Seek medical attention immediately. Wash clothes before reuse. In case of eye contact, immediately flush eyes with large amounts of water for at least 15 minutes. Seek medical attention immediately.

Section 5 - Fire and Explosion Hazard Data

Flash Point:	Limits	Extinguishing Media:	Special Fire Fighting Procedures: Avoid exposure to fumes or vapors.
none	LEL: NA UEL: NA	Water spray or fog, foam, dry chemical, carbon dioxide or alcohol foam, if product involved.	Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV. UNUSUAL FIRE & EXPLOSION HAZARD: Product will not burn.

Section 6 - Accidental Release Measures

Keep unnecessary and unprotected personnel from entering area. Ventilate area of leak or spill and remove all sources of ignition. Wear appropriate personal protective equipment. Contain and recover liquid when possible. Small spills can be absorbed with noncombustible absorbents. Neutralize with sodium thiosulfate and flush with plenty of water.

Section 7 - Handling and Storage

Store locked up. Keep in tightly closed containers, store in cool, dry, well ventilated area. Isolate from incompatible substances. Avoid storage for long periods of time as product degrades over time. The recommended storage temperature is between 15°C and 25°C. Storage at 15°C reduces rate of decomposition.

Section 8 - Exposure Controls/PPE

Ingredient	OSHA PEL:	ACGIH TLV	PPE		General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practices. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.
Sodium Hydroxide	2mg/m ³	2mg/m ³	Respiratory:	not normally required	
Sodium Hypochlorite	NE	NE	Eye:	safety glasses, face shield	
			Skin:	Apron, alkali proof gloves	
			Ventilation:	Normal room ventilation	

Section 9 - Physical and Chemical Properties

Appearance	odor	odor threshold	pH	Melting Point	Boiling point	Evaporation rate	Flammability	Upper/lower flammability limits	Vapor pressure
yellow liquid	chlorine	NE	13	-6°C	NA	>1(water =1)	NA	NA	2500 Pa
Vapor Density	Density	Specific Gravity	pH(use dil)	Solubility	Partition coefficient	Auto Ignition temp	Viscosity	Decomposition Temp	
NA	9.8lbs/gal	1.17	11	100% in water	-3.42	NA	thin	NA	

Section 10 - Stability and Reactivity

Product reacts violently with acids releasing toxic gas. Product is unstable. Stability decreases with concentration, heat and light exposure, decrease in pH and contamination with heavy metals such as cobalt, nickel, copper and iron. After 3 month's storage at 15°C the product concentration decreases by 2%. Sodium Hypochlorite is extremely corrosive for aluminum and brass. Reacts with metals with oxygen release, with ammonia, urea, oxidizable substances, ammonium nitrate, ammonium oxalate, ammonium phosphate, ammonium acetate, ammonium carbonate, cellulose and methanol. Avoid exposure to light, heat and incompatibles.

Section 11- Toxicological Information

ingredient	Acute toxicity(oral LD50) rat	Acute toxicity(derm. LD50)rabbit	Skin and Eye	Carcinogen	Mutagen	Reproduct. Toxicity	STOST -single Exposure	STOST Repeated exposure
ingredient	LD50) rat	toxicity(derm.	Eye	Carcinogen	Mutagen	Toxicity	STOST -single Exposure	Repeated
Sodium Hypochlorite	8000mg/kg(rat)	>20g/kg	corrosive	No	No	No	No info	No info
Sodium Hydroxide	not listed	1350mg/kg	corrosive	Not listed	No Info	No info	No info	No info

Other:

Section 12 - Ecological Information

Fish Toxicity: This material is believed to be of a moderate order of toxicity based on analogous material. Biodegradation: This material is inorganic and not subject to biodegradation. Persistence: This material is believed not to persist in the environment. Bioconcentration: This material is believed not to bioaccumulate. Other Ecological Information: This material may be harmful to aquatic life in low concentrations

Section 13 - Disposal Considerations

Do not discharge into waterways or sewer systems without prior approval. This material, in its original form, is considered hazardous waste according to RCRA(40 CFR 261). Dispose of in accordance with applicable Federal, State and Local regulations.

Section 14 - Transport Information

UN number	Basic Description(DOT)	Class	Packing Group	LTD QTY
UN1791	Hypochlorite solutions	8	III	< 5Liter

Section 15 - Regulatory Information

SARA Title 3: Does not contain reportable chemicals under sections 302, 304, or 313 of Title III of the Superfund amendments and Reauthorization Act of 1986.

CERCLA: Sodium Hypochlorite. Reportable Quantity 100lbs. For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68

Section 16 - Other Information

WHMIS:		HMIS: Health 3	Flam. - 0	Physical Hazard - 1	PPE - C
Date Prepared:	28-Feb-17	Prepared by: Environmental, Health and Safety Administrator.			

The information provided in this Safety Data Sheet is correct to the best of our knowledge, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with materials or in any process, unless specified in the text.

Legend for Abbreviations: NA - not applicable NE - Not Established