





Safety Data Sheet

Section 1 - Product Information

Product Name: Chlorine Sanitizer		Supplier:	Luster PROFESSIONAL
Product Code Number: 7-62	Information Phone: 209-587-8370	Address:	1100 Central Industrial Drive St. Louis, MO 63110
Product Use: Food Service Sanitization	Emergency Contact: CHEMTREC 1-800-424-9300		

Section 2 - Hazard Identification

GHS Classification: Skin Corrosion (Category 1C), Eye Corrosion (Category 1), Corrosive To Metals (Category 1), Aquatic Toxicity - Acute (Category 1), Aquatic Toxicity - Chronic (Category 1), Specific Target Organ Toxicity - Single Exposure (Category 3 Respiratory Tract Irritation)

Hazard Pictograms  	Precautionary Statements P234: Keep only in original container. P260: Do not breathe dust/fume/gas/mist/vapors/spray. P264: Wash hands thoroughly after handling. P271: Use only outdoors or in a well-ventilated area. P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection. P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P302+P361+P354: IF ON SKIN: Take off Immediately all contaminated clothing. Immediately rinse with water for several minutes. P363: Wash contaminated clothing before reuse. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P316: Get emergency medical help immediately. P321: Specific treatment see section four of SDS. P305+P354+P338: IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P390: Absorb spillage to prevent material damage. P403+P233: Store in a well-ventilated place. Keep container tightly closed. P405: Store locked up. P406: Store in corrosive resistant container with a resistant inner liner. P501: Dispose of contents/container in accordance with local/regional/national/international regulations(to be specified).
Signal Word: Danger	
Hazard Statements:	
H290: May be corrosive to metals H314: Causes severe skin burns and eye damage. H335: May cause respiratory irritation. H401: Toxic to aquatic life. H410: 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	1310-73-3	0.2-4.0

Section 4 - First Aid Measures

IF ON SKIN: Take off Immediately all contaminated clothing. Immediately rinse with water for at least 15 minutes. Wash contaminated clothing before reuse.

IF IN EYES: Flush with flowing 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.

Section 5 - Fire and Explosion Hazard Data

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

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	Decomposition Temp	Viscosity	
NA	9.8lbs/gal	1.17	11	100% in water	-3.42	NA	NA	waterlike	
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	Eye	Carcinogen	Mutagen	Reproduct. Toxicity	STOST -Single Exposure	STOST Repeated Exposure	
Sodium Hypochlorite	1100mg/kg(rat)	>20g/kg	corrosive	No	No	No	No info	No info	
Sodium Hydroxide	200mg/kg	1350mg/kg	corrosive	Not listed	No Info	No info	No info	No info	
Section 12 - Ecological Information					Section 13 - Disposal Considerations				
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					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	< 5 L	
UN number	Basic Description(IATA)					Class	Packing Group	LTD QTY	
UN1791	Hypochlorite solutions					8	III	< 1 L	
UN number	Basic Description(IMDG)					Class	Packing Group	LTD QTY	
UN1791	Hypochlorite solutions					8	III	< 5 L	
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 (RQ = 100lbs). Sodium Hydroxide (RQ = 1,000lbs). For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68.									
California Prop 65	This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.								

Section 16 - Other Information

		HMIS:	Health 3	Flam. - 0	R - 1	PPE - D
Date Prepared: 02 Aug 2023		Prepared by: Environmental, Health and Safety Administrator.				

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information 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