

Section 1 - Identification

Product Name: **C. P. S. 100** A liquid alkaline detergent with bleach. Revised: 6/30/15

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Section 2 - Hazards Identification

Hazard categories: Skin Corrosion/Irritation 3; Eye Corrosion/Irritation 2A; Corrosive to metals 1

Hazard statements: Causes mild skin irritation.
Causes serious eye irritation.
May be corrosive to metals

Signal word: Warning

Pictogram: Corrosion; Exclamation

Precautionary statements

Prevention

Wash hands thoroughly after handling.

Wear eye protection such as safety glasses with side shields.

Keep only in original container.

Response

IF ON SKIN: If skin irritation occurs: Get medical attention.

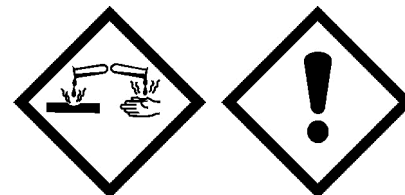
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. If eye irritation persists: Get medical attention.

Absorb spillage to prevent material damage.

Storage: Store in corrosive resistant container with a resistant inner liner.

Disposal: None.

**Section 3 - Composition / Information on Ingredients**

Ingredient	C.A.S. No.	Concentration
Water	7732-18-5	72%
Sodium hypochlorite	7681-52-9	13%
Tetrapotassium pyrophosphate	7320-34-5	9%
Monosodium Phosphate	7558-80-7	2%
Potassium hydroxide	1310-58-3	2%
2-Propenoic acid, telomer with sodium hydrogen sulfite, sodium salt	68479-09-04	2%

The remaining ingredients are not reportable as described in Appendix D to Sec. 1910.1200 Table D.1.

Section 4 - First Aid Measures

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing, lifting upper and lower eyelids occasionally. If eye irritation persists: Get medical attention.

Skin Contact: Wash the exposed area with soap and water. Remove contaminated clothing and shoes. If irritation develops or persists, get medical attention. Wash contaminated clothing before reuse.

Inhalation: If affected, move the exposed person to fresh air. If irritation persists get medical attention.

Ingestion: If the product is swallowed, do NOT induce vomiting. If affected person is conscious, give a glass of water or milk to drink. Get medical attention immediately.

Section 5 - Fire-Fighting Measures

Extinguishing Media: Do not use soda-acid extinguishers.

Special Fire Fighting Procedures: None.

Unusual Fire And Explosion Hazards: None.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Small spills of 1 gallon or less may be wiped or mopped up. Larger spills should be diked to prevent spreading and then collected into clean pails or drums.

Section 7 - Handling and Storage

Empty containers retain product residue and may be hazardous. Observe all precautions given in this data sheet. Store separate from acids in a cool, well ventilated area. Remove leaking containers.

Contains bleach. Do not mix with other cleaners, especially those containing ammonia or acids, because this could produce a dangerous gas (chlorine). If this product is only used with an automatic chemical feed system there should never be a hazard. However, if hooked up improperly, spilled or misused, gas could accidentally be produced. If gas is accidentally produced immediately flush the mixture down a drain with lots of running water if

this is safely possible. Immediately open windows, and if gas is irritating to eyes or lungs, leave the immediate area of the accident. The smell of chlorine is not itself hazardous. If the smell is strong enough to cause any symptoms of irritation or nausea it is hazardous. Avoid prolonged breathing of even slight amounts of gas. Any area where irritation occurs to occupants should be evacuated. Re-enter areas only when gas has dissipated or with proper protective equipment. If adequate ventilation is not available to dissipate the gas or more than a small amount of chemical was mixed call 911. Your facility should decide upon the appropriate emergency action plan for accidental release of chlorine as a part of your emergency preparedness plan.

Section 8 - Exposure Controls / Personal Protection

Ingredient	C.A.S. No.	Concentration	TWA(source)	STEL	Ceiling
Chlorine gas vapors	7782-50-5	0%	0.5 ppm(3,4)	1 ppm(3,4)	1 ppm(1), 0.5 ppm(2)

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hour Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous
 Ingredients not shown either have no known limits or are below reportable levels in section 3 above.

Ventilation: Normal room ventilation. Four air changes per hour should be adequate.

Respiratory Protection: None when used as directed.

Gloves: Wear rubber or latex gloves. Disposable latex gloves are acceptable.

Eye Protection: Wear safety glasses with side shields or goggles.

Other Protective Equipment: An eyewash station should be located within 10 seconds travel time.

Section 9 - Physical and Chemical Properties

Appearance and Odor: A colorless liquid with chlorine (bleach) odor.	
Odor Threshold: Not Available	Vapor Pressure: Not Available
pH: concentrate 12.0 ± 0.5	Vapor Density: Heavier than air.
Melting Point: Not Available	Relative Density (Specific Gravity): 1.1
Freezing Point: Not Available	Solubility(ies): Water: 100%
Boiling Point, Initial: 212° F.	Partition coefficient: Not Available
Boiling Range: Not Available	Auto-ignition Temperature: Not Available
Flash Point: None. (ASTM D-56 closed cup)	Decomposition Temperature: Not Available
Evaporation Rate: ~1 (Water = 1)	Viscosity: Same as water.-
Flammability: (solid, gas): Not Applicable	Volatiles Percent: 82%
Upper Explosive Limit: None	V.O.C.: 0% - 0 grams/liter
Lower Explosive Limit: None	

Section 10 - Stability and Reactivity

Incompatibility: Acids, ammonia

Hazardous Decomposition Products: Chlorine

Section 11 - Toxicological Information

Primary Routes of Entry: Skin contact; Skin absorption; Inhalation; Ingestion

Potential Health Effects:

Eyes - causes severe irritation and damage, redness, tearing, blurred vision, may cause blindness.

Skin - causes severe irritation. Prolonged contact may cause permanent damage to skin.

Swallowing - causes gastrointestinal irritation and burns, nausea, vomiting, diarrhea.

Breathing - excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, nausea.

Section 12 - Ecological Information

Do not dispose of in the environment.

Section 13 - Disposal Considerations

Waste Disposal Method: Up to 1 gallon may be washed to sewer with a large amount of water. Larger amounts should be disposed of according to all applicable regulations.

Section 14 - Transport Information

D.O.T. Hazard Class: Not considered hazardous by D.O.T., I.M.O., I.A.T.A. or U.N.

Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

Section 16 - Other Information

NFPA: H:2 F:0 I:0 **HMIS® III:** H:2 F:0 P:0 These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA® is a mark registered by the NFPA. HMIS® is a mark registered by the NPCA.

Replaces sheet dated 8/12/03. GHS conversion.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.