

Material Safety Data Sheet

I. PRODUCT IDENTIFICATION

Name: Water Preserver™ Concentrate	Description: Clear, light yellow liquid with chlorine odor
---	--

Other Designations	Manufacturer	Emergency Procedure
EPA Reg. No. 61428-1 Sodium Hypochlorite solution	Manufactured for: 7C's Safety & Environmental Consultants P.O. Box 2704 Huntington Beach, CA 92647	Notify your supervisor. Call your local poison control center, or Dial 9-1-1 for emergency

II. HEALTH HAZARD INFORMATION

Concentrate (prior to dilution) causes severe but temporary eye irritation. May irritate skin. May cause nausea and vomiting if concentrate is ingested. Exposure to vapor or mist may irritate nose, throat and lungs. The following medical conditions may be aggravated by exposure to high concentrations of vapor or mist: heart conditions or chronic respiratory problems such as asthma, chronic bronchitis, or obstructive lung disease. **Under normal consumer use of concentrate, the likelihood of any adverse health effects from the concentrate is extremely low.**

FIRST AID: EYE CONTACT: immediately flush eyes with plenty of water. If irritation persists, see a doctor. **SKIN CONTACT:** remove contaminated clothing. Wash area with water. **INGESTION:** Drink large quantities of water and call a physician. Do not use baking soda or acidic antidotes. **INHALATION:** If breathing problems develop remove to fresh air.

III. INGREDIENTS AND HAZARDS

INGREDIENTS	CONCENTRATION	HAZARD
-------------	---------------	--------

Sodium Hypochlorite CAS# 7681-52-9	5.25%	corrosive
---------------------------------------	-------	-----------

None of the ingredients in this product are on the IARC, NTP or OSHA carcinogen list. Occasional clinic reports suggest a low potential for sensitization upon exaggerated exposure to sodium hypochlorite (Concentrate) if skin damage (e.g. abrasion) occurs during exposure. Routine clinical tests conducted on intact skin found no sensitization in test subjects.

IV. SPECIAL PROTECTION INFORMATION **

Hygienic Practices (Concentrate): Wear safety glasses. With repeated or prolonged exposure to Concentrate, wear rubber or plastic gloves.

Ventilation Requirements (Concentrate): No special ventilation required unless concentrate is exposed to acidic conditions.

Work Practices (Concentrate): Avoid eye and skin contact and inhalation of vapor or mist.

V. SPECIAL PRECAUTIONS

Keep Concentrate out of reach of children. Do not get in eyes or on skin. Wash thoroughly with soap and water after handling. Do not mix with other household chemicals such as toilet bowl cleaners, rust removers, vinegar, acid or products containing ammonia. Store in a cool dry place. Do not reuse empty container; rinse container and put in trash receptacle.

VI. SPILL OR LEAK PROCEDURES

Small quantities (of Concentrate), less than 5 gallons, may be flushed down the drain. For larger quantities wipe up with absorbent material or mop and dispose of it in accordance with local, state and federal regulations. Dilute with water to minimize oxidizing effect on spilled surface. Absorb spills with diatomaceous earth or soda ash for waste disposal.

VII. REACTIVITY DATA

Concentrate stable under normal use and storage conditions. Strong Oxidizing agent. Reacts with other household chemicals such as toilet bowl cleaners, rust removers, vinegar, acids or products containing ammonia to produce hazardous gases such as chlorine and other chlorinated species. Prolonged contact with metal may cause pitting or discoloration.

VIII. FIRE AND EXPLOSION

Not flammable or explosive. In a fire, cool containers to prevent rupture and release of sodium chlorate. Dilute copiously, avoid fumes and ventilate.

IX. PHYSICAL DATA

Boiling point	212° F/100° C (decomposes)
Specific Gravity (H ₂ O = 1)	1.085
Solubility in water	complete
pH	10.0 - 11.0

As of the date of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable state and federal laws. However, no warranty or representation is intended or given.

**** THIS DATA IS SUPPLIED FOR USE ONLY IN CONNECTION WITH WORKPLACE OCCUPATIONAL SAFETY AND HEALTH**