

# MATERIAL SAFETY DATA SHEET

## I. PRODUCT INFORMATION

**TRADE NAME (as labeled):**

EPC

**DATE PREPARED/REVISED:**

March 22, 1994

**MANUFACTURER'S NAME:**

Hydro Engineering, Inc.  
865 West 2600 South  
Salt Lake City, Utah 84119

**PHONE NUMBER(S):**

801/972-1181 In Utah  
800/247-8424 Toll Free

## II. HAZARDOUS INGREDIENTS

Chemical Names <b>Other</b> (specify)	CAS Numbers	Percent	Exposure Limits in Air (give units)	
			ACGH TLV	OSHA PEL
Periodate Salt	7790-28-5	40-60	Not Est'd	Not Est'd

## III. PHYSICAL PROPERTIES

**Vapor density (air=1):** > 1

**Specify gravity (H<sub>2</sub>O=1):** > 1

**Solubility in water:** 100%

**Vapor pressure (mmHg @ 20 °C):** N/A

**Appearance and odor:** Clear liquid with slight odor.

**Melting point of range (°F):** > 27

**Boiling point or range (°F):** > 216

**Evaporation rate (butyl acetate=1):** > 1

## IV. FIRE AND EXPLOSION

**Flash point (°F) (give method):** None

**Auto ignition temperature (°F):** None

**Flammable limits in air (volume %):** lower (LEL): Unknown

upper (UEL): Unknown

**Fire extinguishing materials:**

\_\_\_\_\_ water spray

\_\_\_\_\_ carbon dioxide (CO<sub>2</sub>)

\_\_\_\_\_ other (alcohol type)

\_\_\_\_\_ foam

\_\_\_\_\_ dry chemical

**Special fire fighting procedures:** None.

**Unusual fire and explosion hazards:** None.

**V. HEALTH HAZARD INFORMATION**

**SYMPTOMS OF OVEREXPOSURE (for each potential route of exposure).**

**Inhaled:** None known.

**Skin contact:** May irritate or absorb through skin.

**Swallowed:** None known.

**HEALTH EFFECTS OR RISKS FROM EXPOSURE: Explain in lay terms.**

**Acute:** EYES: Moderate irritant. SKIN: May irritate.

**Cronic:** Dermatitis, eczema.

**FIRST AID EMERGENCY PROCEDURES:**

**Eye contact:** Flush immediately with fresh water for at least 15 minutes. Contact a physician.

**Skin contact:** Remove contaminated clothing. Wash with soap and water. If irritation occurs, seek medical aid.

**Inhaled:** None.

**Swallowed:** Induce vomiting. Drink large quantities of milk or water. Seek medical attention.

**SUSPECTED CANCER AGENT?**

**NO:** This product's ingredients are not found on the list below.

**YES:**  Federal OSHA  NTP  IARC

California employers using Cal/OSHA -- regulated carcinogen must register with Cal/OSHA. The Cal/OSHA and Federal OSHA lists are similar.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Pre-existing skin conditions.

**VI. REACTIVITY DATA**

**Stability:**  Stable  Unstable

**Conditions to avoid:** None.

**Incompatibility (materials to avoid):** Reducing agents.

**Hazardous decomposition products (including combustion products):** None known.

**Hazardous polymerization:**  May occur  Will not occur

**Conditions to avoid:** None known.

## VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

**Spill response procedures (include employee protection measures):** Absorb small spills onto suitable absorbent. Contain large spills by diking. Flush spill area with water.

**Disposal Methods:** RCRA Class: Not regulated. EPA Hazardous substance reportable quantity: Not listed. May be supplied to biological treatment plant.

**NOTE:** Dispose of all wastes in accordance with federal, state, and local regulations.

## VIII. SPECIAL HANDLING INFORMATION

**Ventilation and engineering controls:** None required.

**Respiratory protection (type):** None required under normal use conditions.

**Eye protection (type):** Safety glasses.

**Gloves (specify material):** Neoprene gloves to prevent direct skin contact.

**Other clothing and equipment:** Adequate protective clothing to prevent skin contact.

**Work practices, hygiene practices:** Wash skin with soap and water thoroughly after handling.

**Other handling and storage requirements:** Recommended storage temperature range: 40 - 90 °F.

## IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION

This product contains no chemicals subject to the reporting requirements of SARA Title III, Section 313.

This product contains no Proposition 65 designated chemicals.

Volatile Organic Compound (VOC) = None

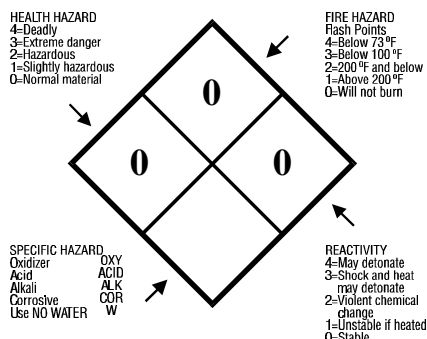
Contains no chlorinated or petroleum hydrocarbons.

Biodegradable, considered drain safe into all sewer systems.

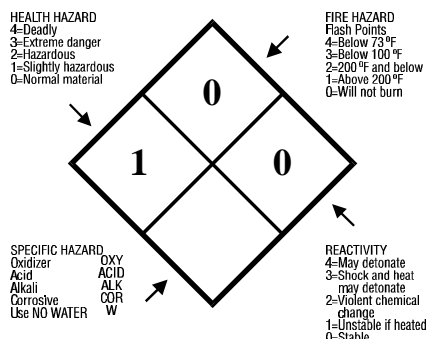
Non-photochemically reactive.

NFPA 704 Code System Rating = Health 0; Flammability 0; Reactivity 0.

HMIS Code System Rating = Health 1; Flammability 0; Reactivity 0.



NFPA 704 Code System



HMIS Code System