



## MATERIAL SAFETY DATA SHEET

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800-323-2594

### 1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES  
24 Hour INFOTRAC (US and CANADA): **800-535-5053**

**PRODUCT NAME**  
UNITED 324 WATER CONDITIONER

**USE/DESCRIPTION**  
Water Conditioner

**REVISION DATE**  
November 26, 2012

#### HMIS III HEALTH (0 = Maximum Safety) 1

Always follow Label Directions and Cautions.

* Chronic	2 Moderate
4 Severe	1 Slight
3 Serious	0 Minimal

**See Hazards Identification Section of this MSDS for more detailed information.**

#### PHYSICAL HAZARD (0 = Maximum Safety) 0

Susceptible to Release of Energy.

4 May detonate-vacate area if materials are exposed to fire.	2 Violent chemical change possible-use hose stream from distance
3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.	1 Unstable if heated-use precaution.
	0 Normally stable.

#### FLAMMABILITY (0 = Maximum Safety) 0

Susceptibility of Material to Burning.

4 Extremely flammable.	1 Must be preheated to burn.
3 Ignites at normal temperature.	0 Will not burn.
2 Ignites when moderately heated.	

**PERSONAL PROTECTION: B**



### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Tetrasodium pyrophosphate	7722-88-5	9-15	5mg/m3	5mg/m3	3770 mg/kg (Rat/oral)	NE

### 3. HAZARDS IDENTIFICATION

**Eyes:** May result in slight irritation.

**Skin:** May cause mild irritation. Prolonged contact can be more severe.

**Inhalation:** May cause coughing and irritation of nose, throat, and mucous membranes.

**Ingestion:** May be harmful. Large amounts may cause nausea, vomiting, and diarrhea.

### 4. FIRST AID MEASURES

**Eyes:** Immediately flush with plenty of water for at least 15 minutes. Hold eyelids open during this flushing. Call a physician immediately.

**Skin:** Wash with soap and water. If irritation persists, get medical attention.

**Inhalation:** Remove to fresh air. If symptoms develop, seek medical attention. If not breathing, give artificial respiration.

**Ingestion:** DO NOT induce vomiting. If conscious, drink a quart of water. Get medical attention immediately. Never give anything by mouth to an unconscious person.

### 5. FIRE FIGHTING MEASURES

**Flash Point (TCC):** None

**Explosive Limits:** Lower (LEL): ND

Upper (UEL): ND

**Flame Projection (Aerosol):** NA

**Hazardous Products of Combustion:** None known.

**Fire and Explosion Hazards:** None known.

**Extinguishing Media:** Water spray, Dry chemical, Carbon dioxide, Alcohol foam.

**Fire Fighting Instructions:** Wear self-contained breathing apparatus w/full protective clothing in chemical fires.

### 6. ACCIDENTAL RELEASE MEASURES

**Small Spills:** Soak up with an absorbent and place in designated disposal container. Rinse area thoroughly.

**Large Spills:** Soak up with an absorbent and place in designated disposal container. Rinse area thoroughly.

## 7. HANDLING AND STORAGE

Keep containers tightly closed when not in use. Store in a cool, dry, well-ventilated area. Protect from freezing.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Safety glasses are recommended.

**Skin:** Chemical resistant gloves are recommended.

**Respiratory:** Normally not required.

**Engineering Controls:** Mechanical ventilation recommended when handling in enclosed/tight spaces.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** 212°F/100°C **Specific Gravity:** 1.110 (H<sub>2</sub>O=1)

**Vapor Density:** ND **Evaporation Rate:** ~ 1 (H<sub>2</sub>O=1)

**Appearance and Odor:** Clear odorless liquid.

**Vapor Pressure:** ND **Melting Point:** ND

**Solubility in Water:** Soluble **pH:** 8.5 – 9.5

## 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition:** None known.

**Chemical Stability:** Stable

**Incompatibility:** Oxidizing agents such as bleach.

## 11. TOXICOLOGICAL INFORMATION

**Carcinogenicity (NTP/IARC/OSHA):** None

**California Proposition 65:** Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? None

## 12. ECOLOGICAL INFORMATION

ND

## 13. DISPOSAL CONSIDERATIONS

Consult your local, state, provincial and federal regulations for proper disposal guidelines. Disposal regulations may be different for each state and/or locality.

## 14. TRANSPORT INFORMATION

**DOT:** Not regulated for transportation.

**TDG:** Not regulated for transportation.

**UN:** Available upon request

## 15. REGULATORY INFORMATION

**VOC (Volatile Organic Compounds):** None

**TSCA (Toxic Substances Control Act):** Listed

**SARA Title III Section 302 EHS:** None

**SARA Title III Section 311/312:** ND

**SARA Title III Section 313 Toxic Chemicals:** None

### WHMIS Classification:

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

## 16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.

UNITED 324 WATER CONDITIONER

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