

1T Humidifier Water Treatment

RPS Products, Inc.
281 Keyes Avenue, Hampshire, IL 60140
(847-683-3400)

Hazard Communication Safety Data Sheet

Section 1, Identification

Product Identity: 1T Humidifier Water Treatment

Manufactured by: RPS Products, Inc. 281 Keyes Avenue, Hampshire, IL 60140, Phone 847-683-3400

Recommend use in all manually filled evaporative humidifiers. Not to be used in Ultrasonic or Vaporizers.

Emergency Telephone Numbers: R.P.S. Products 847-683-3400
Chemtrec 800-424-9300

Section 2, Hazard(s) Identification

Hazardous Components (Specific Chemical Identity)

(Common name(s))	CAS Number	OSHA PEL	ACGIH TLV	%Percent
Sodium EDTA	64-02-8	N.K.	N.K.	N.A.

Warning Symbols and Risk Factors



- Avoid contact with skin and eyes
- Do not use while eating or drinking
- In case of contact with eyes, rinse immediately with plenty of water and seek medical attention
- If swallowed, seek medical attention
- Irritating to skin
- Risk of damage to eyes
- Irritating to respiratory system if inhaled

Section 3, Composition/information on ingredients

<u>Component</u>	<u>CAS#</u>
H2O/Water	7732-18-5
Versene	23411-34-9
Sodium Tripolyphosphate/STPP	7758-29-4
Alkyl-Phenol Ethoxylate 9.5/CG-110	9016-45-9
Perfume/Neutra 1086W	

*The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4, First-Aid Measures

- Eye Contact
 - Flush eyes with plenty of flowing water for 15 minutes lifting upper and lower lids.
 - Remove contact lenses if applicable.
 - Seek medical attention.
- Skin Contact
 - Wash with plenty of soap and water. If irritation develops, seek medical attention.

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- **Inhalation**
 - If overcome by vapor, remove person to fresh air.
 - If breathing is irregular or has stopped, start resuscitation.
 - Administer oxygen if available.
- **Ingestion**
 - If ingested, MAY CAUSE ABDOMINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA. Seek medical attention immediately. INDUCE VOMITING. Mouth may be rinsed with water. NEVER give anything by mouth to unconscious person.

Section 5, Fire-fighting Measures

- Flash Point: N/A Method Used: N/A
- (NFPA) National Fire Protection Association - Hazard Information
 - Health-0 Flammability-0 Reactivity-0

Section 6, Accidental Release Measures

- **Use of Personal Precautions:**
 - Protective Gloves:
 - Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.
 - Eye Protection:
 - Use splash goggles or face shield when eye contact may occur.
 - Ventilation:
 - Use local exhaust to capture excessive vapor, mists or fumes.
 - Respiratory Protection:
 - Use supplied-air respiratory protection in confined or enclosed spaces.
 - Personal Hygiene:
 - Cleanse skin thoroughly after contact, before breaks and meals, and at end of work period. Remove contaminated clothing and shoes and thoroughly clean before reuse. Maintain good personal hygiene.
- **Emergency Procedures:**
 - Remove contaminated clothing and wash before reuse.
 - Rinse skin thoroughly with plenty of soap and water
- **Methods and Materials used for containment:**
 - Replace Cap immediately after use
- **Cleanup Procedures**
 - Wear gloves and clean up spills immediately

Section 7, Handling and Storage

- **Precautions for safe handling:**
 - Wash hands after exposure and before eating or drinking
- **Recommendations on safe storage:**
 - Keep container tightly closed and upright when not in use to prevent leakage
- **Ventilation:**
 - Use local exhaust to capture excessive vapor, mists or fumes.

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Section 8, Exposure Controls/Personal Protection

Effects of Overexposure: (Signs and Symptoms of Exposure)

- Eye Contact
 - Product contacting the eyes may cause redness, tearing, and irritation.
 - Rinse eyes thoroughly for 15 minutes.
 - Seek medical attention.
- Skin Contact
 - Contact with skin may cause slight skin irritation or rash if not washed immediately.
- Inhalation
 - After high vapor exposure, remove to fresh air.
 - If breathing is difficult, give oxygen.
 - If breathing has stopped give artificial respiration.
- Ingestion
 - If swallowed, call physician immediately!
 - Induce vomiting promptly following physician's instructions.

Section 9, Physical and Chemical Properties

The following data are approximate or typical values and should be used for precise design purposes.

Appearance	Clear, Red or Blue
Auto-ignition Temperature	N/A
Boiling Range	100 101 101*deg. C/212 214 214*deg. F (*=end point)
Decomposition Temperature	N/A
DKB (Dispersion)	5.6
Dry Time (Ether=1)	Long
Evaporation Rate	>0.8
Explosive Limits	N/A
Flash Point	N/A
Flammability	0
Freezing Point	Below 20 Degrees F
Odor	Mild
Odor Threshold	N/A
pH	Neutral
Melting Point	N/A
Partition Coefficient: n-octanol/water	N/A
Relative Density	1.008
Solubility	Complete
Vapor Density (Air=1)	0.6
Vapor Pressure (mm of HG)@20 C	16.4
Viscosity	N/A
Water Absorption	Complete

Section 10, Stability and Reactivity

- **Reactivity**
 - N/A
- **Chemical Stability**
 - This product is considered stable.

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Section 11, Toxicological Information

- Information on likely routes of Exposure
 - Eye Contact- product contacting the eyes may cause redness, tearing, and blurred vision. Rinse eyes thoroughly for 15 minutes. Seek medical attention.
 - Skin Contact- contact with skin may cause slight skin irritation or rash if not washed immediately.
 - Inhalation- after high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped give artificial respiration.
 - Ingestion- if swallowed, call physician immediately! Induce vomiting promptly following physician's instructions.
- Delayed, Immediate or Chronic effects not determined

Section 12, Ecological Information

- Not Available

Section 13, Disposal Considerations

- **Empty Container Warning**
 - Empty containers retain residue (liquid and/or vapor). DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.
 - Empty drums should be completely drained, properly bunged and should be disposed of in an environmentally safe manner and in accordance with governmental regulations.
- **Steps to be taken in case material is released or spilled:**

Materials should be swept up for salvage or disposal. Remaining residue may be flushed with water. Dispose of in accordance with all local, state, and federal regulations.

Section 14, Transport Information

- For further information relative to spills resulting from transportation incidents, refer to latest Department of Transportation Emergency Response Guidebook for Hazardous Materials Incidents.

Section 15, Regulatory Information

- Non hazardous
- Non-regulated material

Section 16, Other Information

Legal responsibility is assumed only for the fact that all studies reported are those of qualified experts. Buyer assumes all risk and liability. He accepts and uses this material on these conditions. He must keep a copy of this MSDS where material is handled.

N. A. (not applicable)

N. D. (not determined)

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RPS Products (herein called RPS) has been asked to supply the attached Material Safety Data Sheet ("MSDS") despite the fact that some of the data contained therein is based on information supplied to RPS by third parties and the fact that RPS cannot anticipate all of the conditions of use and application with the respect to the product described in the MSDS. Although RPS has made a good faith effort in filling out the MSDS and believes the information, data and suggestions contained therein to be reliable, RPS DOES NOT WARRANT OR GUARANTEE THE COMPLETENESS OR THE ACCURACY OF THE DATA CONTAINED IN THE MSDS. RPS DISCLAIMS ANY AND ALL RESPONSIBILITY FOR ANY USE OF OR RELIANCE ON SUCH DATA.