

3BT Humidifier Bacteriostatic Water Treatment

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

MATERIAL SAFETY DATA SHEET

A. Identification and Emergency Information

Product Identity: 3BT Humidifier Bacteriostatic Water Treatment

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

B. Components and Hazard Information

Hazardous Components (Specific Chemical Identity)				
<u>(Common name(s))</u>	<u>CAS Number</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>%Percent</u>
None				

C. Emergency and First Aid Procedures

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.

Inhalation

Remove person to fresh air. If breathing has stopped, resuscitate and seek medical attention.

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.

D. Fire and Explosion Hazard Information

Flash Point: N/A Method Used: N/A

(NFPA) National Fire Protection Association- Hazard Information
Health-0 Flammability-0 Reactivity-0

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(THIS PRODUCT MEETS REQUIREMENTS OF L A RULE 66 & SIMILAR REGULATIONS)

Handling Precautions

Use only with adequate ventilation. Do not store above 49C/120F.

E. Health and Hazard Information

Effects of Overexposure: (Signs and Symptoms of Exposure)

Eye Contact

Product contacting the eyes may cause redness, tearing, 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.

Cancer Hazard

This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA, or ACGIH as of this date, greater or equal to 0.1%.

F. Physical Data

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

Boiling Range	100 101 101*deg. C/212 214 214*deg. F (*=end point)
API Gravity	8.8
Specific Gravity (Water=1)	1.008
Pounds/Gallon	8.400
Vapor Pressure (mm of HG)@20 C	17.0
Vapor Density (Air=1)	0.6
Water Absorption	Complete
Acid Absorption (85% H2SO4)	Complete
Dry Time (Ether=1)	Long
% Volatile by VOL	97.8
Appearance	Clear, Water-White or Green
Odor	Mild
HKB (Hydrogen Bonding)	88.1
PKB (Polarity)	5.6
DKB (Dispersion)	6.4

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Refractive Index 1.333

G. Reactivity

Under normal conditions, this product is considered stable.

Materials to Avoid: Isolate from strong oxidizers, such as permanganate.

Hazardous: Carbon Monoxide, Carbon Dioxide from heating.

Decomposition: Nitrogen Oxide vapors from heating.

H. Spill or Leak Procedures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Stop spill at source. Dike area and contain. Pump liquid to salvage tank. Remaining residue may be taken up on absorbent material and shoveled into containers. Evaporate until all vapors are gone. Dispose of in accordance with all local, state, and federal regulations

I. Protection and Precautions

Ventilation:

Use local exhaust to capture excessive vapor, mists or fumes.

Respiratory Protection:

Use supplied-air respiratory protection in confined or enclosed spaces, if needed.

Mechanical (General):

OSHA acceptable

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.

Work Practices/Engineering Controls:

Keep container tightly closed and upright when not in use to prevent leakage.

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.

J. Transportation Information

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

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DOT IDENTIFICATION NUMBER

None (UN0000)

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)
- N. K. (not known)

Revised date 06-13-2001

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.