



## 3US ULTRASONIC/VAPORIZER WATER TREATMENT

### **Section 5, Fire-Fighting Measures**

- Flash Point: N/A Method Used: N/A
- (NFPA) National Fire Protection Association- Hazard Information
  - Health-1 Flammability-1 Reactivity-0
- THIS PRODUCT MEETS REQUIREMENTS OF L A RULE 66 & SIMILAR REGULATIONS
- Handling Precautions
  - Use only with adequate ventilation. Wear OSHA standard goggles or face shield. Consult Safety Equipment Supplier. Wear gloves, apron and footwear impervious to this material. Do not store above 49C/120F.

### **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.

### **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 blurred vision. Rinse eyes thoroughly for 15 minutes. Seek medical attention.
- Skin Contact
  - Contact with skin may cause defatting, dermatitis 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. Overexposure anesthetizes respiratory tract. May cause mild to severe nervous system injury.

### 3US ULTRASONIC/VAPORIZER WATER TREATMENT

- 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%.

#### **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
Auto-ignition Temperature	N/A
Boiling Range	100 102 102*deg. C/212 215 215*deg. F (*=end point)
Decomposition Temperature	N/A
DKB (Dispersion)	6.5
Dry Time (Ether=1)	Long
Evaporation Rate	N/A
Explosive Limits	N/A
Flash Point	N/A
Flammability	0
Freezing Point	Below 20 Degrees F
Odor	Mild
Odor Threshold	N/A
pH	N/A
Melting Point	N/A
Partition Coefficient: n-octanol/water	N/A
Relative Density	1.01
Solubility	Complete
Vapor Density (Air=1)	0.6
Vapor Pressure (mm of HG)@20 C	17.2
Viscosity	N/A
Water Absorption	Complete

#### **Section 10, Stability and Reactivity**

- **Reactivity**
  - N/A
- **Chemical Stability**
  - Under normal conditions, this product is considered stable.
- **Other**
  - Conditions to Avoid: Isolate from oxidizers, heat, and open flame.
  - Materials to Avoid: Isolate from strong oxidizers, such as permanganate.
  - Hazardous: Carbon Monoxide, Carbon Dioxide from heating.

#### **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.

### 3US ULTRASONIC/VAPORIZER WATER TREATMENT

- 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**

- **STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**
  - For small spills: Recover free product and transfer to proper OSHA safe container. Add sand, earth or other suitable absorbent material to area. Evaporate until all vapors are gone.
  - For large spills: Isolate from oxidizers, heat and open flame. Person without proper protection should be kept from area until cleaned up. Dispose of in accordance with all local, state, and federal regulations.
- **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.

#### **ATTENTION:**

THIS CONTAINER HAZARDOUS WHEN EMPTIED SINCE EMPTIED CONTAINERS RETAIN VAPOR OR LIQUID RESIDUES, ALL HAZARD PRECAUTIONS MUST BE OBSERVED.

#### **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)

N. K. (not known)

Revised date 05-20-2015

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.