# SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Tower Pro BD**

Validation Date: 5/11/2015

Company Identification:
**U.S. Water Services**
12270 43rd St NE
St. Michael, MN 55376 USA

Contact Information:
1-800-255-3924 (US & Canada Emergencies – CHEMTEL)
1-813-248-0585 (International Emergencies – CHEMTEL)
1-866-663-7632 (Non-emergency)
SDS@uswaterservices.com (email)
www.uswaterservices.com (web)

## 2. HAZARDS IDENTIFICATION

**Classification of the substance or mixture**
Eye irritation (Category 2A), H319

**PICTOGRAM/SYMBOL:**

**SIGNAL WORD:** WARNING

**HAZARD STATEMENTS - LABEL ELEMENTS**

**Health Hazards Statement(s)**

H319 Causes serious eye irritation

**Physical Hazards Statement(s)**

None

**Precautionary Statement(s) – Prevention**

P264 Wash skin and contaminated clothing thoroughly after handling

P280 Wear protective gloves, protective clothing, eye protection, face protection

**Precautionary Statement(s) – Response**

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention

**Precautionary Statement(s) – Storage**

None

**Precautionary Statement(s) – Disposal**

P501 Dispose of contents/container in accordance with applicable local, regional, national, and/or international regulations

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| INGREDIENT(S) | CAS Number | Weight % |
|---|---|---|
| Alkylamide Hydrolysates | Proprietary | 5-10 |

>50% of mixture consists of ingredients of unknown toxicity. Exact percentages are withheld as trade secrets.

## 4. FIRST AID MEASURES

**EYE CONTACT:** Get medical attention immediately. . Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 15 minutes.

**SKIN CONTACT:** Wash with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 15 minutes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Destroy contaminated shoes.

**INHALATION:** Remove from exposure and move to fresh air immediately and keep in position comfortable for breathing. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask.

**INGESTION:** Do NOT induce vomiting. If victim is conscious and alert, wash out mouth with water then give water. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep airway clear.

**NOTES TO PHYSICIAN:** Treat symptomatically and supportively.

## 5. FIRE FIGHTING MEASURES

**NOTE:** Solid product. Product will melt and combustion may occur when exposed to fire.

**General information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use water spray to keep fire-exposed containers cool.

**Extinguishing Media:** Use any media suitable for the surrounding area. Use water spray to cool fire exposed containers. Do NOT use straight streams of water.

## 6. ACCIDENTAL RELEASE MEASURES

**IN CASE OF SPILL OR OTHER RELEASE:** Remove sources of ignition. Ventilate area. Use appropriate personal protective equipment as indicated in Section 8 of the SDS when risk assessment indicates this is necessary. Use non-sparking tools and equipment. Sweep or shovel spilled materials into suitable containers. Dispose of in accordance with all local, state and federal requirements. Do not allow product or residues to enter waterway or any source of drinking water.

## 7. HANDLING AND STORAGE

**HANDLING:** Use appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Keep in the original container. Store and use away from heat, sparks, open flame or any other ignition source. Do not reuse container.

**STORAGE:** Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Separate from oxidizing materials and acids. Keep container tightly closed and sealed until ready for use.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower (ANSI Z358.1). Use adequate general or local explosion-proof ventilation.

**PERSONAL PROTECTIVE EQUIPMENT**

**Eyes:** Wear chemical splash goggles that meet the requirements of 29 CFR 1910.133 or European Standard EN 166.

**Skin:** Wear appropriate protective gloves to prevent skin exposure (29 CFR 1910.138 or EN 374).

**Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Respirators:** A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| **FORM:** | Solid |
| **ODOR:** | Characteristic |
| **ODOR THRESHOLD:** | No data available |
| **COLOR:** | White |
| **pH:** | ~7 @ 1% |
| **FREEZING POINT:** | No data available |
| **BOILING POINT:** | No data available |
| **FLASH POINT:** | No data available |
| **EVAPORATION RATE:** | No data available |
| **FLAMMABILITY:** | No data available |
| **FLAMMABILITY/EXPLOSIVE LIMIT:** | No data available |
| **AUTOIGNITION TEMPERATURE:** | No data available |
| **VAPOR PRESSURE:** | No data available |
| **VAPOR DENSITY:** | No data available |
| **DENSITY:** | No data available |
| **SOLUBILITY IN WATER:** | Complete (slowly) |
| **PARTITION COEFFICIENT N-OCTANOL/WATER:** | No data available |
| **AUTOIGNITION TEMPERATURE:** | No data available |
| **DECOMPOSTION TEMPERATURE:** | No data available |

## 10. STABILITY AND REACTIVITY

**STABILITY:** The product is stable.
**INCOMPATIBILITY WITH VARIOUS SUBSTANCES:** Reactive or incompatible with the following materials: oxidizing materials, strong acid, strong alkali.
**HAZARDOUS POLYMERIZATION:** Under normal conditions of storage and use, hazardous polymerization will not occur.
**HAZARDOUS DECOMPOSITION PRODUCTS:** Decomposition products may include the following materials: carbon monoxide, carbon dioxide, nitrogen oxides.

## 11. TOXICOLOGICAL INFORMATION

**TOXICITY:** No Data Available For Product
**CARCINOGENICITY:**

| Product/Ingredient Name | ACGIH | IARC | NTP |
|---|---|---|---|
| - | - | - | - |

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL INFORMATION:** No Data Available For Product

## 13. DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. U.S. EPA guidelines for the classifications are listed in 40CFR 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

## 14. TRANSPORTATION INFORMATION

U.S. Bill of Lading Description: Not D.O.T. Regulated.

## 15. REGULATORY INFORMATION

**INTERNATIONAL INVENTORIES**

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL).

**U.S. REGULATIONS**

California Proposition 65: None of the components of this product are listed.

**STATE RIGHT TO KNOW (RTK)**

| INGREDIENT(S) | CAS# | MA | NJ | PA | MN | CA |
|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - |

**CERCLA/SARA 302/304**

| INGREDIENT(S) | CAS# | Weight % | CERCLA/SARA RQ (lbs) | Section 302 TPQ (lbs) |
|---|---|---|---|---|
| - | - | - | - | - |

**SARA 311/312 Hazard Categories**

| | |
|---|---|
| **Immediate:** | **X** |
| **Delayed:** | **-** |
| **Fire:** | **-** |
| **Reactivity:** | **-** |
| **Sudden Release of Pressure:** | **-** |

**SARA 313**

None

**Clean Air Act:**

This material does not contain any hazardous air pollutants.

**Clean Water Act:**

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

## 16. OTHER INFORMATION

| | | | |
|---|---|---|---|
| **Hazardous Material Information System (U.S.A.)** | Health: 2 | Flammability: 0 | Reactivity: 0 |
| **National Fire Protection Association (U.S.A.)** | Health: 2 | Flammability: 0 | Reactivity: 0 |

**HMIS and NFPA use a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of 0 means that the substance possesses essentially no hazard; a rating of 4 indicates high hazard.**

**Date of Creation: 02/02**

**Issue Number: 4.2**

**Date of Revision: 5/11/2015**

**Prepared By:** Compliance Group

*The information contained in this Safety Data Sheet is intended to comply with the requirements of 29CFR 1910.1200. This information is believed to be accurate and based on data available to APTech Group at this time. It is intended to be used as a guide to the safe handling and use by properly trained individuals. It is the end users responsibility to determine the suitability of the information for their particular purposes. This information is provided without warranty.*