

## **Aquapure™ CPS**

**Aquapure™ CPS** (calcium polysulfide solution) is a water based lime-sulfur solution designed to be used in various treatment systems as a metal precipitating agent. Soluble toxic metals, such as: chrome, lead, arsenic, cadmium and copper, as well as other heavy metals need to be removed due to regulations in effluent. Geochemical fixation using a chemical reducing agent such as **Aquapure™ CPS** converts the soluble toxic metals into insoluble non-toxic compounds

### **FEATURES AND BENEFITS**

- It provides soluble sulfide precipitation of heavy metals for easy, low cost treatment
- It precipitates chelated metals, avoiding a separate process
- It reduces mercury in waste streams to low parts per billion
- It produces its own flocculant, reducing treatment costs
- It is versatile and can be adapted to enhance existing treatment systems
- It has a ANSI NSF Standard of 60 for drinking water

### **TYPICAL APPLICATIONS**

Used in chemical precipitation systems for the reduction of metals:

Arsenic  
Lead  
Copper  
Zinc  
Cadmium  
Molybdenum  
Uranium

### **APPLICATION PARAMETERS**

Effective treatment may be obtained with system pH near 4.0, Hubbard Hall has found that **Aquapure™ CPS** is most stable in systems with pH greater than 7-8 to avoid potential generation of H<sub>2</sub>S.



**House Calls for Industrial WasteWater**

**Aquapure™ CPS**

**Product Code: 2601116  
Revised Date: May 16, 2017**

**PHYSICAL PROPERTIES**

Active ingredient.....27-29%  
Specific gravity.....1.27  
Solubility in water.....soluble  
Appearance and odor.....red with slight sulfide odor  
pH.....10.5-11.5 pH  
Flash point..... no flash point

**DO NOT FREEZE**

**WARRANTY**

THE QUALITY OF THIS PRODUCT IS GUARANTEED ON SHIPMENT FROM OUR PLANT. IF THE USE RECOMMENDATIONS ARE FOLLOWED, DESIRED RESULTS WILL BE OBTAINED. SINCE THE USE OF OUR PRODUCTS IS BEYOND OUR CONTROL, NO GUARANTEE EXPRESSED OR IMPLIED IS MADE AS TO THE EFFECTS OF SUCH USE, OR THE RESULTS TO BE OBTAINED.