

## **MATERIAL SAFETY DATA SHEET**

**PRODUCT: BWS 750T**

**APPLICATION: Water Treatment Additive**

**Information On Physical Hazards, Health Hazards, Pel's and TLV's For Specific Product Ingredients As Required By The OSHA Hazard Communications Standard Are Listed. Refer In Section VI For Our Assessment Of The Health Hazards Of This Formulation.**

### **SECTION I**

**Manufacturer's Name: Klenzoid, Inc.**  
**Address: 912 Spring Mill Avenue**  
**Conshohocken, PA 19428**

**Emergency Telephone Number: (610) 825-9494**  
**Telephone Number for Information: (610) 825-9494**

**Date Prepared: 9/27/2013**

### **SECTION II – Hazardouse Ingredients/Identify Information**

**Sodium Molybdate CAS # 7631-95-0 RETCS # QA5075000**

### **SECTION III - Physical/Chemical Characteristics**

**Boiling Point: 220°F**  
**pH: 8.0-9.0**  
**Specific Gravity (H<sub>2</sub>O=1): 1.12**  
**Vapor Pressure (mm Hg.): 15mm Hg at 20 C.**  
**Vapor Density (Air = 1): Less than 1**  
**Melting Point: 25°F**  
**Evaporation Rate (Butyl Acetate = 1): Less than 1**  
**Solubility in Water: 100%**  
**Appearance and Odor: Clear to Hazy Liquid**

#### **SECTION IV - Fire and Explosion Hazard Data**

**Flash Point (Method Used): N/A**

**Special Fire Fighting Procedures: Non required**

**Unusual Fire and Explosion Hazards: None**

#### **SECTION V - Reactivity Data**

**Stability:**

**Stable: Yes**

**Incompatibility (Materials to Avoid): None**

**Hazardous Decomposition or Byproducts: None**

**Hazardous Polymerization: None**

#### **SECTION VI**

**Primary Routes of Exposure: Inhalation, Eye Contact, and Skin Contact**

**Inhalation: Inhalation of vapor or mist can cause the following...headache, nausea, irritation of nose and throat.**

**Eye Contact: Direct contact with material can cause the following...slight irritation.**

**Skin Contact: Prolonged or repeated skin contact can cause the following...slight skin irritation.**

**Carcinogenicity: None**

**NTP? No**

**IARC Monographs? N/A**

**OSHA Regulated? N/A**

**Emergency and First Aid Procedures:**

**Skin: Wash with water for 5 minutes.**

**Eyes: Wash with water for 15 minutes.**

**Ingestion: Immediately give conscious patient two glasses of water. See a physician.**

**Do not induce vomiting.**

**Inhalation: Remove to fresh air**

#### **SECTION VII - Precautions for Safe Handling and Use**

**Steps to Be Taken in Case Material is Released or Spilled:**

**Wash down with clean water, area may be slippery.**

**Waste Disposal Methods: Material is non-toxic. Material may be diluted and discharged to local sewer. Check with your local sewer authority.**

**Precautions to Be Taken in Handling and Storing:**

**Store in clean dry place wash thoroughly after handling.**

## **SECTION VIII-Control Measures**

### **Respiratory Protection (Specify Type):**

#### **Ventilation:**

**Local Exhaust: Yes**

**Special: None required.**

**Mechanical (General): None required.**

**Other: None required.**

**Protective Gloves: Required**

**Eye Protection: Use safety glasses.**

**Other Protective Clothing or Equipment: None required.**

**Work/Hygienic Practices: Normal hygiene practices.**

## **SECTION IX-Toxicological Information**

Toxicological information on this product or its components appear in this section when such data is available. Data is supplied by component supplier of materials use in the production of the blended product and consider the concentration of these materials in the blended product. Klenzoid Inc expressly denies any responsabiltiy for the accuracy of this data.

### **Component: Sodium Molybdate**

**Anhydrous: > 60080 mg/m<sup>3</sup>/4 hours inhalation-ratLC50; 120000 mg/kg ORAL-RAT LD50; 1570 mg/kg subcutaneous-mouse mutagenic date (RTECS); reproductive effects Data (RTECS).**

**Carcinogen Status: None**

**Acute Toxicity Level: Moderately toxic by ingestion.**

**Target Organs: No data available.**

**Medical conditions Aggravated By Exposure: Blood system problems, bone, joint or tooth problems, respiratory problems.**

**Mutagenic Data: No data available.**

**Reproductive Effects Data: 306474 ug/kg instratesticular – mouse TDLo 1 day male.**

**Additional Data: The levels of copper, sulfur and zinc in the diet may have an effect on the toxicity.**

## **Etotoxicity Effects**

**Toxicity to Fish: LC50 Oncorhynchus mykiss (rainbow trout) 96 h OECD Test Guideline 203 or Equivalent  
>1,100 mg/l**

**Toxicity to Aquatic Invertebrates: EC50 Daphnia magna 48 h OECD Test Guideline 202 or Equivalent  
>1,040 mg/l**

**This Document Is Provided To Supply All The Information Necessary To Comply With OSHA Hazard Communications Regulations And Right-To-Know Requirements. While The Information And Recommendations Set Forth Herein Are Believed To Be Accurate As Of The Date Hereof, Klenzoid Makes No Warranty With Respect Thereto And Disclaims All Liability From Reliance Thereon.**

