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CHEM-TEL Contract Number MIS0004395

SAFETY DATA SHEET
BWT – 112
Steam Boiler Oxygen Scavenger

Section 1 – **Chemical Product & Company Identification**

Manufacturer's Name: World Laboratories, LTD.
Address: 11076 Fleetwood Street Sun Valley CA. 91352
SDS/Product Name: BWT - 112
Trade Name (as labeled): BWT – 112 Steam Boiler Oxygen Scavenger
Chemical Name(s): Sodium Sulfite, Sodium Metabisulfite
24 – Hour Emergency Telephone Number: 800.255.3924 (CHEM-TEL)
Business Telephone: 818.771.9344
Date of Preparation: 07.22.2014

Section 2 - **Hazard Identification**



Emergency Overview: **WARNING! Keep out of reach of children! Can cause irritation if inhaled. Harmful if swallowed.**

Appearance and Odor: Straw colored liquid; odorless

Systems of Overexposure for each potential route of exposure:

Inhaled: May cause irritation. May cause allergic reaction if inhaled by some asthmatics and other sulfite sensitive individuals.

Skin Contact: Prolonged contact may cause irritation.

Eye Contact: Vapors are irritating to the eyes. Eye exposure may result in redness, tearing or moderate eye irritation.

Ingestion: Harmful if swallow. May cause irritation of mouth, throat, nausea, vomiting and diarrhea.

Chronic Exposure: None known

Section 3 – Composition and Information on Ingredients

HAZARDOUS INGREDIENTS/CHEMICAL NAME	CAS #	PERCENT %
SODIUM SULFITE	7757-83-7	
Sodium METABISULFITE	7681-57-4	

Section 4 – First Aid Measures Emergency Procedures

Inhaled: Remove victim from contaminated atmosphere. If breathing is labored, administer oxygen. Obtain **IMMEDIATE** medical attention.

Skin Contact: Immediately flush with large quantities of water for at least 15 minutes. Remove contaminated clothing. Seek medical attention if irritation persist.

Eye Contact: Immediately flush with large quantities of water for at least 15 minutes. Be sure to hold the eyelids open while flushing. Obtain **IMMEDIATE** medical attention.

Ingestion: DO NOT INDUCE VOMITING! If victim is conscious, immediately give large quantities of water. If vomiting does occur, continue to give fluids. Obtain **IMMEDIATE** medical attention.

Suspected Cancer Agent? No

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Persons with pre-existing skin disorders, eye disease, asthmatics or cardiopulmonary diseases may be more susceptible to the effects of this substance.

Section 5 – Fire Fighting Measures

Fire extinguishing materials: Use Water or as appropriate for combustibles involved in fire.

Special fire fighting procedures: Wear self-contained breathing apparatus, positive pressure, MIOSH/NIOSH (approved or equivalent) and full protective gear.

Unusual fire and explosion hazards: Not combustible.

Flash Point: N/A

Flammable limits in air, Volume %: lower -N/D upper- N/D

Section 6 – Accidental Release Measures

Small releases: Confine and absorb small releases on sand, earth or other inert absorbent. Place contaminated product and soil in a suitable container for disposal.

Large releases: Confine area to qualified personnel. Wear appropriate protective equipment. Shut off release if safe to do so. Dike or divert spill area to prevent run-off into sewers, drains or surface waterways (potential aquatic toxicity). Recover as much of the solution as possible. Treat remaining material as a small release (above).

NOTE: Dispose of all waste in accordance with Federal, state and local regulations.

Section 7 – Handling and Storage

Handling: Keep out of reach of children! Handle in enclosed containers to avoid breathing product.

Avoid contact with skin and eyes. Keep container sealed when not in use. Protect from extreme cold.

Section 8 - Exposure Controls /Personal Protection

Respiratory protection: Wear respirator in enclosed areas.

Eye protection (Type): Chemical goggles

Skin protection: Gloves, boots, and chemical suit should be worn to prevent liquid contact. Wash contaminated clothes prior to reuse.

Work practices, Hygienic practices: Use adequate exhaust ventilation to prevent inhalation of product vapors. Maintain eyewash/safety shower in areas where chemical is handled.

Section 9 - Physical and Chemical Properties

Physical state: Liquid

Appearance: Straw colored

Odor: Odorless

Vapor density (air=1): 0.62

Vapor pressure, mmHg: N/A

Specific gravity: 1.284

pH: 5.7

% Volatile: 87-90.5

Solubility in Water: 100%

Viscosity: N/A

Boiling point or range, F: 220°

Melting Point: - N/A

Evaporation Rate: 1.0

Section 10 – Stability and Reactivity

Stability Stable Unstable

Incompatibility (Materials to Avoid): Strong Oxidizers. Acids (release sulfur dioxide gas)

Conditions to Avoid: Normally stabilized

Hazardous decomposition products (including combustion products): N/A

Hazardous polymerization: May occur Will not occur

Section 11 - Toxicological Information

Harmful or fatal if swallowed!

Section 12 - Ecological Information

Do not apply directly to any body of water.

Section 13 – Disposal Considerations

Disposal: Dispose of all wastes in accordance with Federal, State and local regulations.

Section 14 – Transport Information

U.S. Department of Transportation, Canada TDG

Shipping Name: Non -Hazardous

Section 15 – Regulatory Information

CAS # 7757-83-7 is on the TSCA (U.S. Toxic Substance Control Act) inventory list

The components are not listed on California's Prop 65 list of chemicals known to cause cancer or other reproductive harm.

Canadian

WHMIS Classification:

CAS # 7757-83-7 is listed on Canada's Ingredient Disclosure List

Section 16 – *Additional Information*

SDS Creation Date: 07.22.2014

The information contained in this Safety Data Sheet (SDS) is based on current regulatory information as well as our manufacturers' information. It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions. We reserve the right to revise safety data sheets periodically as new information becomes available.