

# SAFETY DATA SHEET

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Boil Soft

**OTHER MEANS OF IDENTIFICATION:** Not applicable.

**GENERAL USE:** For professional drycleaning and laundry boiler use only.

**PRODUCT DESCRIPTION:** Water Treatment for Steam Boilers using Soft Water.

### MANUFACTURER

Adco Professional Products LLC  
1706 Ledo Rd.  
Albany, GA 31707

**Product Information:** 800-821-7556 (USA  
& Canada only)

### 24 HR. EMERGENCY TELEPHONE NUMBERS

**Medical Emergency:** 866-303-6947 (USA & Canada  
only) or 651-632-9272

**Transportation Emergency:** 800-424-9300 (USA &  
Canada only) or 703-527-3887

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## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Not Hazardous as defined by OSHA 29 CFR 1910.1200 (GHS)

### GHS LABEL ELEMENTS

**Symbol(s):** None

**Signal Word:** None

**Hazard Statements:** None

### Precautionary Statements:

P501 – Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Other Hazards:** Not available.

**Unknown Acute Toxicity:** Not applicable.

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt.%</u>	<u>CAS</u>
Trade Secret #1	-	-
Trade Secret #2	-	-
Trade Secret #3	-	-
Trade Secret #4	-	-
Trade Secret #5	-	-

**COMMENTS:** None.

#### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

**SKIN:** Remove contaminated clothing. Wash with water. Consult a physician if irritation persists.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** Remove affected person to fresh air. If not breathing, give artificial respiration. Get medical attention.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** May cause mild irritation or burning sensation.

**SKIN:** Prolonged contact may cause irritation.

**SKIN ABSORPTION:** Insufficient data available.

**INGESTION:** May cause irritation to the gastrointestinal tract. May cause vomiting, nausea and diarrhea.

**INHALATION:** Possible symptoms of allergic reaction include bronchoconstriction, sweating, flushing, hives, increased heart rate, decreased blood pressure, and anaphylaxis.

**ADDITIONAL INFORMATION:** After emergency actions, call the emergency medical information number on page 1 or a physician immediately.

#### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Not applicable.

**EXTINGUISHING MEDIA:** Not applicable.

**HAZARDOUS COMBUSTION PRODUCTS:** Not applicable.

**FIRE FIGHTING EQUIPMENT:** Not applicable.

#### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Clean up spill with absorbent material and water, if necessary.

**LARGE SPILL:** Contain spill. Avoid breathing vapor. Clean up spills immediately with absorbent material, observing precautions in the Exposure Control/Personal Protection section (see section 8). Place absorbed material in closed containers for disposal (see section 13). Do not flush unneutralized residue to sewer. Avoid contamination of ground and surface waters.

#### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Not applicable.

**HANDLING:** Follow all SDS/label precautions even after container is emptied because it may retain product residues.

**STORAGE:** Store in labeled, tightly sealed containers. Protect from freezing.

**ELECTROSTATIC ACCUMULATION HAZARD:** Not applicable.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

##### EXPOSURE GUIDELINES:

##### OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

##### EXPOSURE LIMITS

OSHA PEL		ACGIH TLV		Supplier OEL	
ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>

TWA	NE <sup>[1]</sup>			NE	
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	<b>STEL</b> NE	NE
Trade Secret #2	<b>TWA</b> NE	NE
	<b>STEL</b> NE	NE
Trade Secret #3	<b>TWA</b> NE	NE
	<b>STEL</b> NE	NE
Trade Secret #4	<b>TWA</b> NE	NE
	<b>STEL</b> NE	NE
Trade Secret #5	<b>TWA</b> NE	NE
	<b>STEL</b> NE	NE

#### TABLE FOOTNOTES

1. NE = Not Established.

**ENGINEERING CONTROLS:** Not applicable.

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses with side shields, or goggles.

**SKIN:** Nitrile or Barrier™ gloves.

**RESPIRATORY:** Not expected to require respirator usage. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release and exposure levels are not known.

**PROTECTIVE CLOTHING:** Where contact is likely, wear the appropriate chemical resistant equipment, which depending on circumstances may include gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

**WORK HYGIENIC PRACTICES:** Wash thoroughly after handling. Do not eat or drink in work area.

**OTHER USE PRECAUTIONS:** Have eye wash station available. Do not wear contact lenses without eye protection.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Dark brown.

**PHYSICAL STATE:** Liquid.

**COLOR:** Dark brown.

**ODOR:** "Fishy" amine odor.

**ODOR THRESHOLD:** No data available.

**pH:** 10.0-10.5 (1% in water)

**FREEZING POINT:** No data available.

**INITIAL BOILING POINT:** >93°C (200°F)

**FLASHPOINT:** >110°C (230°F) (TCC)

**EVAPORATION RATE:** No data available.

**FLAMMABILITY (Solid, Gas):** Not applicable, this product is a liquid at room temperature.

**FLAMMABLE LIMITS:** No data available.

**VAPOR PRESSURE:** No data available.

**VAPOR DENSITY:** No data available.

**RELATIVE DENSITY:** 1.09

**SOLUBILITY IN WATER:** Soluble.

**PARTITION COEFFICIENT (Log K<sub>ow</sub>):** No data available.

**AUTOIGNITION TEMPERATURE:** No data available.

**DECOMPOSITION TEMPERATURE:** No data available.

**VISCOSITY:** No data available.

**PERCENT VOLATILE:** No data available.

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## 10. STABILITY AND REACTIVITY

**REACTIVITY:** No.

**CHEMICAL STABILITY:** Stable.

**POSSIBILITY OF HAZARDOUS REACTIONS:** Polymerization will not occur.

**CONDITIONS TO AVOID:** Do not store in aluminum or brass containers.

**INCOMPATIBLE MATERIALS:** Strong acids, oxidizers.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Burning forms amines and other noxious compounds.

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## 11. TOXICOLOGICAL INFORMATION

**ROUTES OF EXPOSURE:** Skin.

**ACUTE TOXICITY (ATE):**

**DERMAL LD<sub>50</sub>:** Insufficient data available.

**ORAL LD<sub>50</sub>:** > 2,000 mg/kg (rat)

**INHALATION LD<sub>50</sub>:** Insufficient data available.

**CHRONIC TOXICITY**

**TARGET ORGANS:** No data available.

**SENSITIZATION:** Insufficient data available.

**CARCINOGENICITY**

**IARC:** Insufficient data available.

**NTP:** Insufficient data available.

**OSHA:** Insufficient data available.

**OTHER:** Not considered carcinogenic.

**OTHER:** No data available.

**REPRODUCTIVE EFFECTS:** Insufficient data available.

**MUTAGENICITY:** Insufficient data available.

**SYNERGISTIC MATERIALS:** No data available.

**POTENTIAL HEALTH EFFECTS**

**EYES:** Insufficient data available.

**SKIN:** Insufficient data available.

**SKIN ABSORPTION:** Insufficient data available.

**INGESTION:** May cause irritation to the gastrointestinal tract. May cause severe or allergic reactions in asthmatics and sulfite sensitive individuals. May cause severe or allergic reactions in asthmatics and sulfite sensitive individuals. May lead to central nervous system depression, drowsiness, and even death. In the case of vomiting, product may be aspirated into lungs causing chemical pneumonia, which in extreme cases could lead to death. See section 4, First Aid Measures, for more information.

**ASPIRATION HAZARD:** There is insufficient data available to classify this product as an aspiration hazard. Follow the precautions under INGESTION.

**INHALATION:** May cause allergic reactions in asthmatics and sulfite sensitive individuals.

**MEDICAL CONDITIONS AGGRAVATED:** Sulfite sensitive individuals may experience allergic reactions.

**GENERAL COMMENTS:** Refer to Section 3 for additional information on potential health effects.

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**12. ECOLOGICAL INFORMATION**

**ECOTOXICITY:** A component in this product is moderately toxic.

**PERSISTENCE AND DEGRADABILITY:** Insufficient data available.

**BIOACCUMULATIVE POTENTIAL:** Insufficient data available.

**MOBILITY IN SOIL:** Insufficient data available.

**OTHER ADVERSE EFFECTS:** No data available.

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**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** Dispose of in accordance with federal, state and local regulations.

**EMPTY CONTAINER:** Not applicable.

**RCRA/EPA WASTE INFORMATION:** Contains no material listed by RCRA as a hazardous waste.

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**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Not regulated.

**OTHER SHIPPING INFORMATION:** Not applicable.

**CANADA TRANSPORT OF DANGEROUS GOODS**

**PROPER SHIPPING NAME:** Not regulated.

**OTHER SHIPPING INFORMATION:** Not applicable.

**AIR (ICAO/IATA)**

**PROPER SHIPPING NAME:** Not regulated.

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**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:**

**FIRE:** No. **PRESSURE GENERATING:** No. **REACTIVITY:** No. **ACUTE:** Yes.  
**CHRONIC:** No.

**313 REPORTABLE INGREDIENTS:** None.

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA RQ:** Not applicable.

**REPORTABLE SPILL QUANTITY:** Not applicable.

**RCRA STATUS:** See section 13.

**MEXICO**

Not applicable.

**STATE REGULATIONS****MASSACHUSETTS**

Contains no substances regulated by the Massachusetts Substance List.

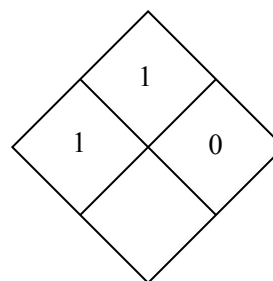
**CALIFORNIA**

**PROPOSITION 65 STATEMENT:** This product contains no ingredients known to the state of California to cause cancer, birth defects, or other reproductive harm.

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**16. OTHER INFORMATION**

<b>HMIS RATINGS</b>	
HEALTH:	1
FLAMMABILITY:	1
REACTIVITY:	0
PERSONAL PROTECTION:	B

**NFPA RATINGS****SDS Revision Date:** July 15, 2015